

# Pankaj Pandey

## Technical Architect



Experienced Technical Architect with 14+ years of expertise in developing and managing complex IT projects across diverse domains. Proficient in leading teams, driving innovation, and delivering high-quality solutions within stringent timelines and budgetary constraints. Skilled in technology stack including ReactJS, PHP, NodeJS, and database architecture, with a comprehensive understanding of SDLC methodologies. Adept at strategic planning, client communication, and stakeholder management, with a proven track record of successfully implementing projects and exceeding client expectations. Passionate about driving organizational growth through innovative solutions and collaborative leadership.

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## Personal Skills

### Communication Skills:

- Proficient in client and co-worker communication.
- Effective in documentation and proposal writing.
- Skilled in discussing technical concepts with non-technical stakeholders.
- Experienced in conducting presentations and leading discussions with clients and team members.

### Organizational/Managerial Skills:

- Knowledgeable about SDLC and methodologies like Waterfall, Agile, and Lean.
- Experienced in risk analysis and management.
- Proven track record in resource planning and team organization.
- Strong in time management and progress monitoring.
- Capable of deployment management and inter-team coordination.

### Computer Skills:

- Proficient in programming languages: ReactJS, Redux, NodeJS, HTML, CSS, JavaScript, PHP, WordPress, C#, ASP.NET.
- Experienced with databases: MySQL, PostgreSQL, Microsoft SQL Server.
- Familiar with version control systems: GIT.
- Skilled in unit testing, API testing, UI automation testing, and database testing.

### Other Skills:

- Proficient in Office Suite (Excel, PowerPoint, Word), JIRA, Wrike.
- Strong analytical and problem-solving abilities.
- Adaptable to new environments and technologies.
- Well-versed in software architecture design principles.
- Committed to maintaining high-quality standards.

## Work Experience

Jul 2024 - Present

Technical Architect/Manager | Tredence Inc., Bengaluru, India

- Design and oversee scalable, secure, and high-performance solutions aligned with business objectives.
- Collaborate with stakeholders to translate business requirements into technical designs and innovative architectures.
- Lead development teams, promoting best practices and ensuring code quality.

- Document system architecture, interaction patterns, and data flows to support project clarity and implementation.
- Evaluate and select tools and technologies to enhance solution efficiency and robustness.
- Conduct code reviews and provide mentorship, fostering a culture of continuous improvement and technical growth.
- Proficient in MEAN/MERN stack, microservices, RESTful APIs, AWS, and Azure.

**Jan 2024 - Jul 2024**

**Technical Architect | NeoSOFT Digital Pvt. Ltd., Bengaluru, India**

- Integral member of senior management and key stakeholder in the organization, entrusted with initiating a new vertical and building capabilities.
- Spearhead the establishment of new accounts and deploy teams for effective project execution.
- Provide valuable support in pre-sales activities, including client engagement and project estimations, contributing to successful business acquisition.
- Play a pivotal role in strategic planning and decision-making to ensure the growth and sustainability of the new vertical.
- Collaborate closely with cross-functional teams to drive innovation, deliver quality solutions, and achieve business objectives.

**Feb 2021 - Dec 2023**

**Group Project Manager (Tech) | Josh Software Pvt. Ltd., Bengaluru, India**

- Oversaw a diverse team of 45-50 individuals comprising managers, team leaders, senior developers, juniors, and interns.
- Managed and coordinated 10+ projects concurrently, ensuring alignment with organizational goals and client expectations.
- Played a pivotal role in process development, strategic decision-making, and key discussions related to hiring, salary increments, promotions, and project budgeting.
- Led resource planning efforts and effectively handled vendor relationships to optimize project outcomes.
- Provided mentorship, training, and professional development opportunities to team members, fostering a culture of continuous learning and growth.

**Nov 2018 - Feb 2021**

**Technical Lead | TechJini Solutions Pvt. Ltd. (Datamatics Digital Ltd.), Bengaluru, India**

- Collaborated closely with US-based client on the enhancement of a fleet management application.
- Spearheaded the redesign & optimization of critical features within the application.
- Assisted the hiring team in sourcing and onboarding skilled resources.
- Provided guidance and mentorship to junior team members, fostering their professional growth and development.

**Sep 2016 - Jul 2018**

**Sr. Software Developer (Team Lead) | DigiValet (Paragon Business Solutions Ltd.), Indore, India**

- Collaborated with core team members to architect digital solutions for various industries including hotels, hospitals, and resorts.
- Led a team in the design and development of API services, gateways, and authentication mechanisms.
- Took charge of database design, ensuring scalability and efficiency.
- Orchestrated the design of inter-app communication strategies within the system.
- Implemented Single Sign-On (SSO) solutions and cloud-based architectures for enhanced performance and scalability.

<b>Jul 2014 - Sep 2016</b>	<p><b>Sr. Software Developer (Technical Lead)   Hiteshi Infotech Pvt. Ltd., Indore, India</b></p> <ul style="list-style-type: none"> <li>• Led pre-sales activities, providing accurate time estimations and contributing to WSR preparations.</li> <li>• Actively participated in client meetings and discussions to gather requirements and propose solutions.</li> <li>• Played a pivotal role in project scoping and planning, ensuring alignment with client expectations.</li> <li>• Collaborated with European client on ecommerce and fitness app solutions.</li> <li>• Directed a team of 5-7 developers, ensuring efficient project delivery.</li> </ul>
<b>Dec 2010 - May 2014</b>	<p><b>Sr. Software Developer (Technical Lead)   TechnoBent Group (Startup), Indore, India</b></p> <ul style="list-style-type: none"> <li>• Led client interactions, including visits and requirement discussions, fostering strong relationships.</li> <li>• Managed international client communications with clients from the US, UK, Middle East, Netherlands, etc.</li> <li>• Oversaw projects across diverse domains like healthcare, admin dashboards, hotels, and manufacturing.</li> <li>• Facilitated smooth project execution by bridging the gap between clients and the development team.</li> <li>• Played a pivotal role in proposal development and presentation, driving client engagement and acquisition.</li> </ul>

## Education

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<b>2007 - 2011</b>	<p><b>Bachelor of Engineering: Information Technology   R.G.P.V., Bhopal, MP, India</b> Lakshmi Narayan College of Technology, Indore, MP, India</p>
<b>2004 - 2006</b>	<p><b>Higher Secondary School Certificate   Board of Secondary Education, M.P., Bhopal, India</b> Government Boys Higher Secondary School, Dhamnood, MP, India</p>
<b>2002 - 2004</b>	<p><b>High School Certificate   Board of Secondary Education, M.P., Bhopal, India</b> Shanti Niliya High School, Dhamnood, MP, India</p>

## Certifications

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<b>Jun 2003</b>	<p><b>Certificate in Computer Applications (CCA)</b> All India Society for Electronics &amp; Computer Technology</p>
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## Awards and Achievements

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<b>2023</b>	<ul style="list-style-type: none"> <li>• Workshop on "SQL Basics &amp; Advanced Concepts"</li> </ul>
<b>2022</b>	<ul style="list-style-type: none"> <li>• Training on "UI Automation using Cypress with JavaScript "</li> </ul>
<b>2022</b>	<ul style="list-style-type: none"> <li>• Training on "ReactJS w/ TypeScript, Redux, Hooks, and Beyond"</li> </ul>
<b>2021</b>	<ul style="list-style-type: none"> <li>• Webinar on "India's Leading FoodTech Company Generated a Rise in Sales Worth \$206 Million: Can Your FoodTech App Reach the Top Of the "Food Chain"?"</li> </ul>
<b>2021</b>	<ul style="list-style-type: none"> <li>• Webinar on "Top reasons to choose Flutter MVP to implement your Business Ideas!"</li> </ul>
<b>2021</b>	<ul style="list-style-type: none"> <li>• Webinar on "Is Flutter Likely to Replace Java for Mobile App Development?"</li> </ul>

# Projects

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**Jul 2024 - present**

**Domain:** BFSI

**Team Size:** 12

**Role:** Solution Architect (MERN with Azure)

**Title & Client:** Tribe | Tredence Inc. (In-house Product)

**Technologies Used:** A.I. (ChatGPT), Node.js (Express.js), ReactJS, Redux, PostgreSQL, Azure, CI/CD, Git

**Project Description:** Tribe is an innovative demand fulfillment application developed for managing both internal and external requests within Tredence Inc. In addition to demand management, Tribe features a Career Compass module, empowering employees to track and navigate their career progression. The app also includes a Skill Management System that supports personalized skill development, tailored to organizational requirements. Tribe seamlessly integrates with various external applications, including onboarding management, MS Dynamics, Salesforce, and hiring management tools, enabling smooth data exchanges across platforms to streamline workflows and enhance user experiences.

**Roles and Responsibilities:**

- Designed scalable, secure architecture for demand fulfillment and career management modules.
- Developed and integrated APIs, enabling seamless data exchange with MS Dynamics, Salesforce, and onboarding tools.
- Collaborated with stakeholders to align technical solutions with business goals.
- Led and mentored the development team, ensuring best practices and quality standards.
- Documented system architecture and workflows for clarity and scalability.
- Selected and implemented CI/CD and cloud technologies to enhance deployment efficiency.

**Feb 2024 - Jul 2024**

**Domain:** BFSI

**Team Size:** 25

**Role:** Project Manager (Tech, Non-Tech)

**Title & Client:** PM Svanidhi, MSME, Retail onboarding | Karnataka Bank

**Technologies Used:** Angular, Redux, Node.js (loopback), MS SQL Server, CI/CD, JIRA

**Project Description:** Currently overseeing a team of 25+ professionals in an ongoing project for Karnataka Bank, focused on optimizing MSME and retail customer onboarding processes. Implementing agile methodologies and establishing a robust JIRA setup to enhance collaboration and workflow efficiency. Additionally, helping the team to architect, design and implement innovative solutions, ensuring scalability and adaptability to evolving business needs.

**Roles and Responsibilities:**

- Training on "ReactJS w/ TypeScript, Redux, Hooks, and Beyond"
- Overseeing project execution and team management.
- Implementing agile methodologies for streamlined project delivery.
- Establishing and maintaining a robust JIRA setup for efficient task tracking and collaboration.
- Serving as a full-stack architect to design and implement innovative solutions for process optimization.

**May 2023 - Dec 2023**

**Domain:** Online Gaming

**Team Size:** 15

**Title & Client:** Poker Online Gaming App | DeltaTech

**Technologies Used:** Angular, Redux, Electron.js, Node.js, Figma, ESLint, Sonar, Unit testing, Amazon CloudFront CDN, CI/CD, Jenkins

**Project Description:** Led the development of a groundbreaking Poker Online Gaming App for DeltaTech. Overseeing a team of 15+ experts, I orchestrated the creation of both

**Role:** TPM & Architect (UI, Integration)

desktop and web applications tailored to deliver an immersive gaming experience. Leveraging cutting-edge technologies such as Angular, Redux, Electron.js, and Node.js, alongside meticulous design using Figma, our app seamlessly integrates single-player and multiplayer modes, real and in-game currency play, in-app chat functionality, leaderboards, statistics, and cross-platform gameplay. With an emphasis on user-friendly interfaces, safe transactions, and enticing rewards systems, our app sets a new standard for online gaming platforms.

**Roles and Responsibilities:**

- Oversaw technical aspects as Project Manager and Architect, focusing on UI design and system integration.
- Managed a team of 15+ professionals, ensuring adherence to timelines and quality standards.
- Developed project plans, allocated resources effectively, and collaborated with stakeholders to define requirements.
- Implemented key features using cutting-edge technologies and maintained stringent quality control measures.
- Provided technical guidance and fostered a collaborative environment conducive to innovation.

**Nov 2022 - Apr 2023**

**Title & Client:** Impact Measurement Portal & Dashboard | 60 Decibels Inc.

**Domain:** Impact Measurement and Customer Insights

**Technologies Used:** ReactJS, Redux, ChartJS, RoR, ESLint, Unit testing, AWS.

**Team Size:** 5

**Role:** TPM & Architect (UI, Backend, Database)

**Project Description:** Led the development of the Impact Measurement Portal & Dashboard for 60 Decibels Inc., a global tech-enabled impact measurement company. This comprehensive web application, developed over the period of Nov 2022 to Apr 2023, serves as a centralized platform for impact assessment, providing organizations with genuine benchmarks and insights into their social impact performance. Leveraging technologies such as ReactJS, Redux, ChartJS, and RoR, we implemented features including a question bank, survey creation wizard, answer set bank, survey go-live functionality, and robust reporting capabilities.

**Roles and Responsibilities:**

- As the Technical Project Manager and Architect, oversaw all aspects of the project including UI, backend, and database architecture.
- Managed a compact team of 5 professionals, ensuring effective collaboration and adherence to project timelines.
- Designed and implemented the UI architecture using ReactJS and Redux, ensuring a responsive and intuitive user experience.
- Architected the backend for RoR (Ruby on Rails), integrating features such as the question bank, survey creation wizard, answer set bank, and survey go-live functionality.
- Designed database schema structures to support data storage and retrieval, ensuring scalability and performance.
- Collaborated closely with stakeholders to gather requirements and prioritize features, ensuring alignment with business goals.
- Implemented quality control measures such as ESLint and unit testing to maintain code quality and reliability.

**May 2022 - Nov 2022**

**Title & Client:** iCube Learning App | Sutherland Global

**Domain:** Education

**Technologies Used:** React, Redux, GraphQL (apollo-server), Node.js, Figma, ESLint, Sonar, Unit testing, UI automation.

**Team Size:** 10

**Role:** TPM & Architect

**Project Description:** Led the development of the iCube Learning App for Sutherland Global. Over the period of 6 months, our team of 10+ professionals collaborated to create a dynamic learning platform utilizing cutting-edge technologies including React, Redux, GraphQL (apollo-server), and Node.js. The iCube Learning App offers features such as course creation, customization options, white labeling, mobile-friendliness, multi-language support, quizzes, surveys, reporting, and certificate generation, providing users with a rich and interactive learning experience.

**Roles and Responsibilities:**

- As the Technical Project Manager and Architect, led all aspects of the project from conception to delivery.
- Managed a team of 10 professionals, ensuring effective collaboration and adherence to project timelines.
- Developed project plans and allocated resources efficiently to meet project objectives within the specified timeline.
- Designed the architecture of the application, leveraging technologies such as React, Redux, GraphQL, and Node.js to ensure scalability and performance.
- Collaborated closely with stakeholders to gather requirements and prioritize features, aligning the project with the client's vision and goals.
- Implemented quality control measures such as ESLint, Sonar, unit and UI automation testing to maintain code quality and reliability.
- Contributed to implementation of key features including customization options, multi-language support, surveys, and reporting, ensuring a seamless and engaging user experience.

**Apr 2021 - May 2022**

**Domain:** Food  
Ordering and Delivery

**Team Size:** 6

**Role:** Tech Lead (UI,  
Integration)

**Title & Client:** Vendor & Catalog Management App (Revamp & Migration) | Swiggy

**Technologies Used:** Angular, React, Redux, GraphQL (apollo-server), Java Microservices, Figma, ESLint, Sonar, Unit testing.

**Project Description:** Led the revamp and migration of the Vendor & Catalog Management App for Swiggy, India's leading online food ordering and delivery platform. Over the period of Apr 2021 to May 2022, our team of 6 professionals collaborated to enhance and migrate this critical web application, which serves as the backbone of Swiggy's vendor management operations. Leveraging a stack comprising Angular, React, Redux, GraphQL (apollo-server), and Java Microservices, we implemented features including vendor onboarding and management, branch handling and onboarding, catalog management, GST integration, sales and earning details, document upload functionality, review and approval workflows, and order tracking capabilities.

**Roles and Responsibilities:**

- As the Tech Lead, served as the focal point for technical leadership and integration across the project.
- Collaborated closely with stakeholders to understand requirements and ensure alignment with business goals.
- Led a team of 6+ professionals, providing guidance and direction throughout the project lifecycle.
- Designed and implemented the UI components using ReactJS, ensuring a responsive and intuitive user experience.
- Integrated backend services using GraphQL (apollo-server) and Java Microservices, enabling seamless data exchange and system interoperability.
- Implemented quality control measures such as ESLint, Sonar, and unit testing to maintain code quality and reliability.

- Oversaw the migration process, ensuring minimal disruption to ongoing operations while leveraging new technologies and methodologies to improve system performance and scalability.

**Nov 2018 - Feb 2021**

**Title & Client:** FleetLocate | Spireon

**Domain:** Connected Vehicle Intelligence and Fleet Management

**Technologies Used:** React, Redux, RESTful APIs (Java Microservices), JWT, Unit Testing, UI Automation, CI/CD, Docker, AWS.

**Team Size:** 12

**Role:** Technical Lead

**Project Description:** Contributed to the development of FleetLocate for Spireon, Inc., North America's foremost connected vehicle intelligence company. Over the period from Nov 2018 to Feb 2021, our team of 12+ professionals collaborated to create a robust GPS-based fleet management solution designed to empower businesses to optimize their mobile assets. Leveraging technologies such as React, Redux, RESTful APIs (Java Microservices), JWT, Unit Testing, UI Automation, CI/CD, Docker, and AWS, FleetLocate offers a user-friendly interface and powerful features including Fleet & Asset Intelligence (FAI), Fleet Management, Asset Management, and Asset & Trailer Intelligence (ATI).

**Roles and Responsibilities:**

- Spearheaded the development efforts as the Technical Lead (Sr. React Developer), responsible for implementing new user-facing features using React.js.
- Designed and built reusable components and front-end libraries, translating designs and wireframes into high-quality code.
- Optimized components for maximum performance across a wide range of web-capable devices and browsers.
- Collaborated closely with the engineering team to ensure alignment with project goals and standards, fostering a culture of collaboration and innovation.
- Contributed to the overall architecture and technical decisions, leveraging best practices and emerging technologies to drive continuous improvement and innovation.

**Nov 2016 - Apr 2018**

**Title & Client:** DV CMS/Framework v3.0 | DigiValet (In-house Product)

**Domain:** Hospitality, Content Management System

**Technologies Used:** ReactJS, PHP MVC, MySQL, SQLite, REST API, JavaScript, Socket.io.

**Team Size:** 18

**Role:** Sr. Software Developer (Team Lead)

**Project Description:** DV CMS/Framework v3.0 is an internally developed solution tailored exclusively for DigiValet. It serves as a robust content management system and framework utilized across four front-end applications and six API back-end frameworks. The framework facilitates streamlined installation and upgrades, offers ease of deployment with a single configuration file, supports dynamic resource loading, and provides efficient assets/media management. Notable features include a flexible theme system, email notification support, extensibility with modules, and multilingual capabilities. It integrates OAuth 2.0 for secure authentication, custom encryption for data security, and includes built-in CRUD handling and API documentation generation functionalities.

**Roles and Responsibilities:**

- Analysis & Design: Identify requirements and design system architecture.
- Schema Designer/Programmer: Develop DB schema and program system components.
- Solution Architect: Design overall system solution and integration strategies.
- Code Building & Deployment: Develop and deploy system components ensuring reliability and scalability.
- Team meetings & Co-ordination: Coordinate team activities and participate in project meetings.

**Dec 2016 - Apr 2018**

**Title & Client:** Studio Web App | DigiValet (In-house Product)

**Domain:** Hotel Management and Automation

**Technologies Used:** PHP MVC, MySQL, Rundeck integration, Artifactory integration, REST API, XML, HTML, CSS, JavaScript, AJAX & JQuery, Socket.io.

**Team Size:** 6

**Role:** Sr. Software Developer (Team Lead)

**Project Description:** The Studio Web App was meticulously crafted to streamline the deployment process of hardware and software bundles within hotel environments. Positioned at the forefront of the deployment cycle, it encompasses comprehensive hotel information management functionalities, including the organization of wings, floors, key categories, room types, keys, and control systems (RMS). Moreover, it offers automation profiles for managing features such as lighting, air conditioning, curtains, TVs, and door cameras/bells.

The application also handles networking aspects for all connected devices within the property and rooms. It facilitates the management of user access and control, server settings, control system types, brands, and drivers, along with device profiling and file management for configuration files. Notably, the Studio Web App incorporates a push update management system with scheduling and queuing features, as well as a controller configuration and installation utility.

**Roles and Responsibilities:**

- Analysis & Design: Identify requirements and design system architecture.
- Schema Designer/Programmer: Develop DB schema and program system components.
- Solution Architect: Design overall system solution and integration strategies.
- Code Building & Deployment: Develop and deploy system components ensuring reliability and scalability.
- Team meetings & Co-ordination: Coordinate team activities and participate in project meetings.

**Sep 2017 - Nov 2017**

**Domain:** Identity Management

**Team Size:** 2

**Role:** Sr. Software Developer (Team Lead)

**Title & Client:** oneAuth - Single Authentication Server | DigiValet (In-house Product)

**Technologies Used:** PHP MVC, MySQL, OAuth 2.0 protocol, REST API.

**Project Description:** oneAuth is a single authentication server designed to adhere to the OAuth 2.0 protocol for authorization purposes. It offers support for various grant types, including Authorization Code, Implicit Grant, Password Grant, Client Credentials Grant, and Refresh Token Grant out of the box. The system features a customized core to handle token expiry management, with support for three life\_type configurations: short (1 hour), medium (12 hours), and long (2 years), based on application requirements.

oneAuth serves as a centralized authorization flow provider for a wide range of applications, including web applications, console applications, custom driver packages, mobile/tablet clients, in-room devices, and third-party apps. The supported list of APIs includes functionalities such as creating clients, obtaining tokens, refreshing tokens, deleting tokens, verifying tokens, creating long-time access tokens, and extending token expiry.

**Roles and Responsibilities:**

- Analysis & Design: Identify requirements and design system architecture.
- Schema Designer/Programmer: Develop database schema and program system components.
- Solution Architect: Design overall system solution and integration strategies.
- Code Building & Deployment: Develop and deploy system components ensuring reliability and scalability.
- Team meetings & Co-ordination: Coordinate team activities and participate in project meetings.

**Nov 2016 - Aug 2017**

**Domain:** Beverage Cellar Management

**Team Size:** 4

**Title & Client:** DigiSteward - Wine Cellar App | DigiValet (In-house Product)

**Technologies Used:** PHP MVC, MySQL, SQLite, REST API, HTML5, CSS3, JavaScript, AJAX, JQuery.

**Project Description:** DigiSteward is a comprehensive application tailored to manage the supply and distribution of beverages within hotels, along with cellar information management. It boasts a user-friendly GUI known as the 'DigiSteward Dashboard' to

**Role:** Sr. Software Developer

efficiently oversee all functionalities. The UI is fully responsive, ensuring compatibility with the latest device resolutions. Key components include order management, beverage categorization, restaurant and supplier management, as well as updates for iPad users. Additionally, it incorporates a master database covering various aspects such as countries, regions, wine styles, grape varieties, and more.

**Roles and Responsibilities:**

- Analysis & Design: Identify requirements and design system architecture.
- Schema Designer/Programmer: Develop database schema and program system components.
- Solution Architect: Design overall system solution and integration strategies.
- Code Building & Deployment: Develop and deploy system components ensuring reliability and scalability.
- Team meetings & Co-ordination: Coordinate team activities and participate in project meetings.

**Oct 2014 - Sep 2016**

**Title & Client:** XanMax - Excellent Health & Life | Mikropis holding d.o.o. Žalec, Slovenia.

**Domain:** E-commerce

**Technologies Used:** PHP, WordPress, MySQL, JavaScript, JQuery,HTML, CSS, CloudFlare CDN, Ajax, Payment Gateway.

**Team Size:** 1

**Role:** Sr. Software Developer

**Project Description:** XanMax is a renowned producer and seller of mangosteen health juices, catering to a wide market including Slovenia, Germany, Croatia, Croatian Islands, Serbia, and more. With multi-language support utilizing WPML, the project involved the development of a comprehensive e-commerce system. This system encompasses catalog management, product listings, customer management, order processing, and auto-shipping management. Additionally, it incorporates features such as blogging, event organization, web page creation, payment system integration, and cash on delivery (COD) management. The project also includes the implementation of a Binary Business Model and member tree structure for all members.

**Roles and Responsibilities:**

- Customized WordPress and WooCommerce functionalities to meet project requirements.
- Implemented WPML for managing content in multiple languages.
- Developed and integrated a binary tree structure for member management.
- Designed and maintained the database structure for the e-commerce platform.
- Testing of Portal: Conduct testing to ensure the functionality and usability of the e-commerce website.
- Production Server Management: Manage the production server environment for deployment and maintenance.
- Client Communication & Meetings: Engage with the client to gather requirements, provide updates, and address concerns throughout the project lifecycle.

**Jan 2015 - Sep 2016**

**Title & Client:** Fitness Guide - Dashboard & APIs | Mikropis holding d.o.o. Žalec, Slovenia.

**Domain:** Health and Fitness

**Technologies Used:** PHP, CodeIgniter, MVC, MySQL, HTML, JavaScript, CSS, REST, Google Location API, Localization.

**Team Size:** 4

**Role:** Sr. Software Developer (Technical Lead)

**Project Description:** The Fitness Guide application caters to customers of Fitness Trainer, offering a comprehensive solution for fitness center owners to manage their services, locations, events, bookings, offers, advertisements, and users. Developed as a mobile application for both iPhone and Android platforms, the application is built on a robust back-end developed using the PHP MVC platform CodeIgniter. It includes the development of REST APIs to provide functionality and support to the mobile development team, ensuring seamless integration with the front-end user interface.

**Roles and Responsibilities:**

- Programming the back-end (Web Application): Develop the back-end logic and functionality using PHP and CodeIgniter framework.
- Design, Creation & Management of Database: Design the database schema, create and manage database operations.
- REST API Development for iPhone & Android Phones: Develop RESTful APIs to facilitate communication between the mobile app and the server.
- Test Case Management & Solving: Create and manage test cases to ensure the quality and reliability of the back-end and API functionalities.

**Jan 2015 - Sep 2016****Title & Client:** www.noga.gov.bh Portal | National Oil & Gas Authority (NOGA), Bahrain.**Domain:** Oil & Gas, Government**Technologies Used:** ASP.NET, MVC, HTML, CSS, IIS, MS SQL Server 2008.**Team Size:** 2**Project Description:** The www.noga.gov.bh portal is the official online platform of the National Oil & Gas Authority (NOGA) of Bahrain, serving as the central hub for information and services related to the Bahrain Ministry of Oil & Gas. The project involved a complete redesign of the existing portal to enhance its functionality and user experience. Additionally, an employee management portal was added, facilitating the management of personal and contact details, as well as providing email access for employees. The portal also includes a blogging feature, allowing users to read official statements and updates from the ministry.**Role:** Sr. Software Developer**Roles and Responsibilities:**

- Development of NOGA Portal: Implement the redesign and development of the NOGA portal according to client requirements.
- Deliveries & Estimates: Provide accurate estimates for project deliverables and ensure timely delivery.
- Multi-language Content Management: Manage and update content in multiple languages to cater to a diverse audience.
- Deployment of Portal on Client's Server: Deploy the portal to the client's server environment, ensuring proper configuration and functionality.
- Multi-device Support (Responsiveness): Ensure the portal is responsive and compatible with various devices and screen sizes.
- Code Optimization to Reduce Page Size: Optimize code and assets to reduce page load times and improve performance.
- Performance Improvement: Identify and implement strategies to enhance the performance of the portal, including caching mechanisms and server optimizations.
- SEO Friendly Markups & Contents: Implement SEO best practices to improve the visibility and ranking of the portal in search engine results pages.

**Sep 2014 - Jan 2015****Title & Client:** eRATE WORKS | Uniwebb Software, California (USA)**Domain:** Management Portal**Technologies Used:** AngularJS, ASP.NET, HTML, CSS, JavaScript, jQuery, Ajax, JSON.**Team Size:** 2**Project Description:** eRATE WORKS is a management portal developed in ASP.NET, aimed at providing comprehensive functionality for various management tasks. As part of the project, an admin panel UI was developed using AngularJS, enabling seamless interaction and dynamic data visualization. The portal includes essential features such as login page, tables, forms, and dynamic data display using ng-grid. Basic CRUD operations (add, edit, delete, view) are supported, with dummy data used for testing purposes to ensure full functionality.**Role:** Sr. Software Developer**Roles and Responsibilities:**

- Design UI: Create visually appealing and user-friendly interfaces for the eRATE WORKS management portal.

- Explore AngularJS and Provide Support to Team: Research and implement AngularJS functionalities, providing technical support and guidance to the development team.
- Layout Building: Structure and layout the components of the admin panel UI using AngularJS for optimal usability and efficiency.
- Code Building & Deployment: Develop frontend functionalities using HTML, CSS, AngularJS, JavaScript, jQuery, Ajax, and JSON. Ensure code quality, perform testing, and deploy the application.

**Jan 2013 - Jan 2014**

**Domain:** Healthcare

**Team Size:** 4

**Role:** Sr. Software Developer (Technical Lead)

**Title & Client:** Arha – Hospital Management System (V 2.0) | TechnoBent Group (In-house Product)

**Technologies Used:** Microsoft Visual Studio, C#, MS SQL Server, Crystal Report, PHP5, MySQL, JavaScript, jQuery, HTML5, CSS3.

**Project Description:** Arha HMS (Hospital Management System) is a comprehensive management software tailored for hospitals, clinics, and medical institutes. It offers advanced functionalities to streamline various aspects of healthcare management across different user roles, including Administrator, Doctor, Patient, Nurse, Pharmacist, Laboratories, and Accountant. The system supports a wide range of features, including patient registration, check-in/check-out, laboratory and pathology automation, inventory management, medicine tracking, staff record maintenance, payroll system, emergency services, operation room/ICU maintenance, blood bank management, billing system, and communication between group hospitals via the internet. Additionally, it includes modules for laundry maintenance, in-house mailing, infrastructure, and medical equipment management.

**Roles and Responsibilities:**

- Module Designer: Design and conceptualize different modules within the Arha HMS system to meet specific requirements.
- Analyst: Analyze user needs and system requirements to ensure effective implementation of functionalities.
- Database Designer/Programmer: Design and develop the database structure for storing and managing healthcare-related data.
- Business Logic Designer: Define the business logic and rules governing various operations within the system.
- Team Leading & Co-ordination: Lead the development team, assign tasks, monitor progress, and ensure effective coordination among team members.

**Apr 2012 - Jul 2012**

**Domain:** Hospitality

**Team Size:** 4

**Role:** Sr. Software Developer (Technical Lead)

**Title & Client:** Arha – A Complete Hotel Management System | TechnoBent Group (In-house Product)

**Technologies Used:** Microsoft Visual Studio 2010, HTML, JavaScript, jQuery, AJAX, Google Map API, CSS, MS SQL Server 2008.

**Project Description:** Arha is a comprehensive Hotel Management System designed to cater to the needs of full-service luxury inns, bed and breakfasts, and resorts. It offers extensive features aimed at providing the highest level of individual guest services and seamless integration of various hotel operations. Arha encompasses modules for managing rooms, dining, retail, reservations, and back-office operations. It assists hotels in managing employees, front office, back office, configuration panel, to-do lists, stock management, employee management, user management, and other related features.

**Roles and Responsibilities:**

- Module Designer: Design and conceptualize different modules within the Arha system to address specific requirements of hotel management.
- Database Designer/Programmer: Design and implement the database structure to efficiently store and manage hotel-related data.

- C# Developer for Business Logic: Develop the business logic and functionalities of Arha using C# to ensure smooth operations and seamless integration of features.
- Team Leading & Co-ordination: Lead the development team, assign tasks, monitor progress, and ensure effective coordination among team members to meet project deadlines and quality standards.