

RIPUDAMAN

SOFTWARE ENGINEER

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PROFILE SUMMARY

Full-Stack Developer with 3 years of experience building scalable, secure, and high-performance web applications across CRM, e-commerce, and enterprise management systems. Proficient in Node.js, Express.js, React.js, NestJS, PHP, MySQL, MongoDB, PostgreSQL, and Sequelize ORM. Experienced in designing clean architectures, developing REST APIs, implementing role-based access control (RBAC), optimizing database performance, and creating responsive user interfaces. Skilled in both modern JavaScript ecosystems and custom MVC architectures, with a strong focus on code quality, scalability, and delivering business-driven solutions. Passionate about solving complex problems and contributing to impactful digital products.

EXPERIENCE

Full-Stack Developer Pizone Infotech Solutions Pvt. Ltd. | Set-2023 - presentt

- Developed and maintained EcoVitamin e-commerce and admin platforms using PHP, MySQL, JavaScript, and a custom MVC architecture.
- Designed and implemented a lightweight MVC framework, including custom routing, controllers, models, and reusable components for scalable application development.
- Built and enhanced e-commerce features such as product management, order workflows, customer interactions, notifications, and multilingual support.
- Integrated Web Push Notifications using the minishlink/web-push library to provide real-time updates for administrators.
- Developed responsive and modern user interfaces using HTML, CSS, JavaScript, and reusable UI components to improve user experience.
- Optimized database queries and backend processes using PDO and MySQL, improving application performance and maintainability.
- Collaborated with QA, UI/UX designers, and stakeholders to deliver high-quality features within sprint timelines.
- Followed Git workflows, code reviews, and Agile development practices to ensure reliable and scalable releases.

Full-Stack Developer Intern Pizone Infotech Solutions Pvt. Ltd. | June 2023 – Aug 2023

- Refactored legacy modules and migrated features to React.js and Node.js.
- Developed internal dashboards to streamline business operations and improve efficiency.
- Enhanced UI/UX for better usability and user adoption.
- Worked with Git, Agile methodology, sprint planning, and daily standups.

SKILLS

Languages

JavaScript • TypeScript • PHP • C# • Java • C/C++

Frontend

React.js • Next.js • HTML5 • CSS3 • Bootstrap • Tailwind CSS • JavaScript

Backend

Node.js • Express.js • NestJS • PHP • Custom MVC Architecture • REST APIs

Databases

MySQL • PostgreSQL • MongoDB • Redis

Tools & Platforms

GitHub • Postman • Swagger • Composer • Docker • AWS S3 • VS Code

Practices: MVC A

Practices

MVC Architecture • REST API Development • JWT Authentication • RBAC • API Security • Query Optimization • Responsive Design • Web Push Notifications • Agile Development

PROJECT

EcoVitamin Platform (E-commerce & Admin Management System) **Jan 2026 – Present**

Tech Stack:

PHP, MySQL, PDO, JavaScript, HTML, CSS, Custom MVC, Web Push API

Role: Full-Stack Developer

A scalable e-commerce and administration platform built using a custom MVC architecture to manage products, orders, customers, notifications, and business operations.

Key Contributions:

- Designed and developed a custom MVC framework with routing, controllers, models, and PDO-based database interactions.
- Built customer-facing e-commerce features including product catalog, product details, dynamic content rendering, and responsive shopping workflows.
- Developed secure admin modules for order management, customer management, activity logs, notifications, and content administration.
- Integrated real-time web push notifications using the minishlink/web-push library for instant administrative updates.
- Created reusable UI components and responsive interfaces, ensuring consistency and maintainability across the platform.
- Optimized database queries and application architecture to improve performance, scalability, and user experience.
- Implemented multilingual support and mobile-friendly workflows for both customers and administrators.

EZ-Connecting (CRM & Field Service Management System)

Mar 2025 – Dec 2025

Tech Stack:

Node.js, Sequelize, React.js, MySQL

Role: Full-Stack Developer

A comprehensive CRM and field service management platform designed to manage customers, service tickets, technicians, counters, and operational workflows.

Key Contributions:

- Developed scalable REST APIs using Node.js and Sequelize following a modular service-based architecture.
- Implemented JWT authentication, role-based access control (Admin, Technician, Counter Manager, Client), and secure session management.
- Designed and optimized database schemas, relationships, and complex SQL queries for improved performance.
- Built dynamic React dashboards with reusable components, filters, analytics, and reporting modules.
- Developed ticket management, technician assignment, counter operations, workflow automation, and real-time status tracking features.
- Implemented activity logging, validations, notifications, and audit tracking mechanisms.

Sri Sathya Sai Divyanga Seva

Sep 2023 – Feb 2025

Tech Stack:

NestJS, MongoDB, AWS S3

Role: Backend Developer

A large-scale management system for beneficiaries, volunteers, donation records, and camp events across multiple districts.

Key Contributions:

- Designed backend architecture using NestJS modules, DTOs, guards, validations, and service-based architecture.
- Developed features for beneficiary registration, camp scheduling, volunteer management, and donation tracking.
- Integrated AWS S3 for secure storage and management of documents and media files.
- Implemented JWT authentication, role-based access control, and encryption for sensitive data protection.
- Built optimized MongoDB queries for filtering, pagination, reporting, and data retrieval.
- Developed secure and scalable APIs supporting multi-location operational workflows.

Portfolio & Projects

LinkedIn: [linkedin.com/in/ripu-daman](https://www.linkedin.com/in/ripu-daman)

Website: www.ripu.in

- For live projects, case studies, and additional work samples, please visit my portfolio website.