

ROBIN JOSEPH

Full Stack Developer | Node.js | React | REST APIs | AWS

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[Github](#) | [LinkedIn](#) | [Portfolio](#)

SUMMARY

Full Stack Developer with 3+ years of experience building scalable web applications using Node.js, React, Laravel, and REST APIs. Experienced in designing backend systems, implementing authentication & RBAC, optimizing database performance, and deploying applications on AWS. Strong background in both PHP and JavaScript ecosystems with hands-on experience in Redis, MongoDB, and PostgreSQL.

TECHNICAL SKILLS

Backend: Node.js (Express), PHP (Laravel, CodeIgniter), REST APIs, MVC Architecture

Frontend: React.js, Redux, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap

Database: MySQL, PostgreSQL, MongoDB, Redis Caching, Query Optimization

Cloud & DevOps: AWS (EC2, S3, Route 53), Linux Server Management, CI/CD (GitHub Actions)

Version Control & Tools: Git, Bitbucket, Jira, VS Code

Other: API Integration, Performance Optimization, Responsive Design

WORK EXPERIENCE

Web Developer, Full time

Oct 2025 - Jan 2026

Vandalay Business Solutions, Kochi, Kerala

- Worked on the Laravel backend to implement needed changes for a credit check report
- Changed database from mysql to redshift for a social media project.
- Integrated API for third party vendor
- Managed feature branches and production deployments using Git workflows (dev, staging, prod environments).

Full Stack Developer, Freelance

May 2024 - Oct 2025

Sealink Logistics, Vancouver, Canada

- Designed and maintained Laravel-based applications with RESTful APIs.
- Migrated and refactored legacy PHP code to modern Laravel and PHP 8+ standards.
- Implemented Redis caching and optimized SQL queries for better response times.
- Deployed applications on AWS EC2 and handled Linux server configuration.
- Developed side projects using Node.js (Express) and React.js/Next.js to strengthen full-stack JavaScript expertise.

Software Developer, Contract

May 2023 - Nov 2023

Instalagic Marketing, Calgary, Canada

- Converted design mockups into responsive WordPress websites.
- Customized themes and plugins for client-specific functionality.
- Developed reusable backend modules, reducing development time by 30%.
- Ensured cross-browser compatibility and optimized site responsiveness.

Hackney Solutions, Haripad, Kerala

- Developed WordPress and Magento websites, integrating payment gateways & APIs.
- Customized templates and developed plugins to extend functionality.
- Troubleshoot technical issues and optimized website performance & security.
- Delivered client training on WordPress CMS usage.

PROJECTS

MERN CRM Application (Enterprise CRM Platform)

Tech Stack: MongoDB, Express.js, React (TypeScript), Node.js, Redis, JWT, RBAC

- Built a production-ready full-stack CRM with secure JWT authentication and Role-Based Access Control (Admin, Employee, Carrier, Customer).
- Designed dynamic role-based dashboards with KPI analytics and charts.
- Implemented secure Forgot/Reset Password workflow with hashed tokens and automatic login.
- Developed Redis-based background email queue system for welcome emails, lead assignments, and follow-up reminders.
- Built complete Lead → Quote → Shipment workflow with full CRUD functionality.
- Applied centralized error handling, backend schema validation, and secure input sanitization.

Live Demo: <https://mern-crm-nine.vercel.app/>

Architecture: REST APIs, RBAC, Background Job Processing, MVC Pattern

Realtime Chat Application (MERN + Socket.io)

Tech Stack: Node.js, Express.js, MongoDB, React, Socket.io, Tailwind CSS

- Developed full-stack real-time messaging platform with private & group chat functionality.
- Implemented WebSocket-based live messaging and online/offline user presence tracking.
- Built JWT-based authentication with protected API routes.
- Integrated Cloudinary for secure media uploads and message persistence.

Live Demo: <https://mern-chat-2xxhq87n8-robinjo1776-5d95d5ba.vercel.app/>

Architecture: REST APIs + WebSockets, MVC Pattern

Next.js Developer Portfolio

Tech Stack: Next.js, TypeScript, Tailwind CSS, Framer Motion

- Designed and deployed a responsive, SEO-optimized portfolio using Next.js.
- Built reusable components with clean UI and smooth animations.
- Applied performance optimization and accessibility best practices.

Live Demo: <https://my-portfolio-lemon-two-94.vercel.app/>

EDUCATION

Graduate Certificate in Database Application Development

Jan 2022 - Aug 2022

Seneca College of Applied Science and Technology

Bachelor of Electronics and Telecommunication Engineering

Aug 2007 - Aug 2013

University of Mumbai