

Ravikant Waghmare – Software Engineer

+91-9527142826 | ravikantwaghmare82@gmail.com | Pune, Maharashtra | Portfolio | LinkedIn

Results-oriented Software Engineer with 1.4+ years of experience leading and delivering scalable backend systems, high-performance RESTful APIs, and secure web applications deployed on the cloud (AWS). Proven track record of taking ownership of projects and driving teams to successful delivery.

KEY SKILLS

Full Stack Development | High-Performance RESTful APIs | Backend Development | Messaging Middleware (Kafka) | In-Memory Caching (Redis) | System Design | Object-Oriented Programming (OOP) | Data Structures & Algorithms | Database Design (RDBMS, NoSQL) | Containerization (Docker, Kubernetes) | CI/CD Pipelines (GitHub Actions, Jenkins) | Cloud Deployment (AWS) | Secure Authentication (JWT, CSRF) | Agile Development | SDLC | Code Quality & Testing | Version Control (Git) | GraphQL

TOOLS & TECHNOLOGIES

Frontend Languages: HTML, CSS, JavaScript, TypeScript, React.js, Next.js, GraphQL | **UI Libraries:** ShadCN/UI, Ant Design, Material-UI (MUI) | **Backend Languages:** JavaScript (Node.js), Java (Spring Boot) | **ORM Tools:** Mongoose, Prisma, Hibernate | **Databases:** PostgreSQL, MongoDB, SQL, Redis | **Messaging:** Kafka | **DevOps & CI/CD:** Docker, Kubernetes, Jenkins | **Version Control & Collaboration:** Git, GitHub, Jira | **Cloud & Services:** AWS, Cloudinary, Razorpay

PROFESSIONAL EXPERIENCE

Software Engineer Vionsys IT Solutions INDIA PVT. LTD.	Pune, IN Oct 2024 – Present
Promoted to Software Engineer within 6 months for delivering high-impact solutions and leading backend design for core products.	
Junior Software Engineer Vionsys IT Solutions INDIA PVT. LTD.	Pune, IN Apr 2024 – Oct 2024
Joined as Junior Software Engineer after internship; contributed to full-stack features and process automation.	
Web Development Intern Vionsys IT Solutions INDIA PVT. LTD.	Pune, IN Feb 2024 – Apr 2024
Started as Intern focusing on responsive UI development and frontend optimization.	

Client-Facing UI Development & Platform Optimization

- Collaborated with the design and engineering teams to deliver responsive and accessible UIs using React.js and Tailwind CSS, applying a mobile-first approach for optimal performance across devices.
- Developed clean, maintainable frontend components that improved user engagement by 30%, contributing to a better platform experience and brand reach.

API Development & System Integration

- Designed and implemented high-performance RESTful APIs using Node.js, Java (Spring Boot), and MongoDB, aligned with service-oriented architecture principles.
- Integrated Redis for in-memory caching to enhance data throughput and reduce latency.
- Applied core data structures and algorithms to optimize backend logic and ensure high system performance under load.
- Improved platform efficiency by automating manual workflows, resulting in a 40% reduction in manual tracking efforts.
- Ensured seamless integration between frontend and backend, optimizing system performance by ~25%.

Code Quality, Architecture, and Security

- Led backend design for a custom CRM solution, adhering to object-oriented design principles to ensure clean, maintainable, and scalable code.
- Established code quality checks using Husky, ESLint, Prettier, and Commitlint, reducing pull request cycle time by 50% and enforcing robust SDLC practices.
- Designed and implemented JWT-based authentication and role-based access control (RBAC) to strengthen platform security and flexible user management.
- Enabled real-time performance monitoring and student analytics, leading to 20% improvement in student engagement.

Cloud Deployment, Containerization & CI/CD

- Built and deployed a full-stack **Learning Management System (LMS)** with secure streaming and student progress tracking, leveraging **AWS EC2** for **cloud deployment**.
- Integrated **Razorpay** for secure online transactions, following **best practices** in **secure web application development**.
- Automated **CI/CD pipelines** with **GitHub Actions** and **Jenkins**, containerized applications with **Docker**, and used **Kubernetes** for **orchestration**, ensuring **scalable**, **reliable**, and **maintainable** deployments.

KEY PROJECTS EXECUTED

1. **Project:** Learning Management System | **Duration:** Mar 2025 – **Present**

Key Achievement: Led a cross-functional team to build a full-stack LMS with live/recorded sessions, Razorpay integration, and JWT-based auth; deployed via Docker on AWS EC2 with CI/CD through GitHub Actions.

2. **Project:** Customer Relationship Management (CRM) System | **Duration:** Oct 2024 – Feb 2025

Key Achievement: Built a scalable CRM from scratch using TypeScript, RBAC, and dev tooling setup; improved operational workflows by 35% and enforced code quality using Husky and ESLint.

3. **Project:** Employee Management System (EMS) | **Duration:** Mar 2024 – Sep 2024

Key Achievement: Developed EMS with attendance, check-in/out, and ticket management using React.js and Node.js; reduced support handling time by 40% and improved internal tracking accuracy.

EDUCATION

- **Bachelor’s Degree in Engineering** | T.P.C.T’s COE Dharashiv | 2015 – 2019
- **PG-DAC(Post Graduate Diploma in Advance computing)** | CDAC Bengaluru | 2022 – 2023

Awards

- **Team of the Quarter Award** | Recognized for successfully leading the team and delivering high-impact projects at **Vionsys IT Solutions India Pvt. Ltd.**
- **Champion of the Quarter** | Awarded for outstanding performance and exceptional contributions during the internship period at **Vionsys IT Solutions India Pvt. Ltd.**