Ravikant Waghmare – Software Engineer

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

Experienced Software Engineer with 1.4+ years of hands-on experience in full-stack web development and cloud deployment. Skilled in building responsive UIs, RESTful APIs, and scalable backend systems using **React.js**, **Node.js**, **TypeScript**, and **Spring Boot**. Proficient in **CI/CD**, **Docker**, and **AWS**, with a strong focus on clean code, security (JWT, CSRF), and system performance.

KEY SKILLS

Full Stack Development | RESTful APIs | Responsive UI Design | Role-Based Authentication | JWT | CSRF
System Design | Object-Oriented Programming | Data Structures & Algorithms | Schema Design | ER Diagrams
Database Management | SQL | NoSQL | Containerization | CI/CD Pipelines | Auto-scaling | DevOps
Cloud Computing (AWS) | Agile Methodologies | SEO Optimization | SDLC | Configuration Management

TOOLS & TECHNOLOGIES

Frontend Languages: HTML, CSS, JavaScript, TypeScript, React.js, Next.js | **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 | **Database Models:** RDBMS, NoSQL | **DevOps & CI/CD**: Docker, Kubernetes, Jenkins | **Version Control & Collaboration:** Git, GitHub, Jira | **Cloud & Services:** AWS, Cloudinary, Razorpay, Kafka

PROFESSIONAL EXPERIENCE

Software Engineer | Vionsys IT Solutions INDIA PVT. LTD.   Pune, IN| Apr 2024 – Present
Web Development Intern | Vionsys IT Solutions INDIA PVT. LTD.   Pune, IN | Feb 2024 – Apr 2024

Client-Oriented UI Development & Optimization
- Collaborated with the design and product team to deliver responsive UIs for static websites using **React.js** and **Tailwind CSS**, following a mobile-first approach.
- Developed accessible and clean interfaces that improved user engagement metrics by **30%**, enhancing brand visibility.

Feature Engineering & System Integration
- Engineered an internal **Employee Management System** to streamline attendance tracking and ticket resolution workflows.
- Built and integrated **RESTful APIs** using **Node.js** and **MongoDB**, resulting in a **40% reduction** in manual tracking efforts.
- Ensured seamless frontend-backend integration to improve the platform's operational efficiency and reduce response times by **~25%**.

Code Quality Enforcement & Access Management
- Led backend architecture for a **CRM system** used to manage inquiries, admissions, course batches, and expenses.
- Set up the backend project from scratch with **Husky**, **ESLint**, **Prettier**, and **Commitlint** to enforce code consistency and reduce PR feedback loops by **50%**.
- Designed and implemented **role-based access control** (RBAC) allowing admins to assign multiple roles dynamically, improving security and operational flexibility.

Cloud Deployment, CI/CD & Secure Transaction Handling
- Developed and deployed a full-stack **Learning Management System (LMS)** for streaming sessions and tracking student progress.
- Integrated **Razorpay** for handling online payments securely; implemented **JWT-based authentication/authorization** modules.
- Set up **CI/CD pipeline using GitHub Actions** and deployed the application via **Docker** on an **AWS EC2 instance**, ensuring faster and reliable delivery cycles.
- Enabled real-time performance monitoring and student analytics, leading to **20% improvement** in student engagement.

KEY PROJECTS EXECUTED

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

Key Achievement: Building a full-stack LMS with live/recorded sessions, Razorpay integration, and JWT-based auth; deploying via Docker on AWS EC2 with CI/CD through GitHub Actions to ensure scalable delivery.

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 – Sept'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 Bangluru | 2022-2023