

Rohan Shirke

Software Engineer

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PROFESSIONAL SUMMARY

Software Engineer with **2.5 years of professional experience** in building and scaling **enterprise-grade applications** using **Java (Spring Boot microservices)** and **Laravel** frameworks, with hands-on expertise in **Vue.js** for dynamic front-end development. Core contributor to **Zeptac ERP**, a modular **enterprise platform for the pharmaceutical industry**, covering domains such as **Quality, Calibration, Thermal, Sales, and HR**. Skilled in **microservice architecture, RESTful API design, backend security, and database optimization** using **MySQL** and **PostgreSQL**. Proven ability to deliver **client-driven POCs**, develop **production-ready MVPs**, and **mentor junior developers** in modern full-stack workflows.

WORK EXPERIENCE

Founding Software Engineer

@ [Decode Digital](#)

July 2023 – Aug 2025

Dombivli, Maharashtra

- **Core developer** of **Zeptac ERP**, a modular enterprise platform for pharma cleanroom labs, covering **Quality, Thermal, Calibration, Sales, and HR** modules.
- Designed and delivered **5+ POCs** and an **MVP** for **fundraising and client demos**, collaborating closely with the **CEO and co-founders**.
- Built and maintained **Laravel-based backend** with **Spatie, Passport, MySQL, queues, cron jobs, file systems**, and **notifications**.
- Developed **responsive frontends** using **Vue.js + Metronic**, ensuring seamless integration with backend APIs.
- Parallelly **implemented Spring Boot microservices** to migrate core Zeptac modules to a **scalable, modular Java architecture**.
- Integrated **Gemini, OpenAI, and Groq APIs** into internal tools for text generation and data analysis features.
- Conducted **code reviews** and mentored **4 interns** on full-stack development practices and workflows.

Freelance Backend Developer

@ [Leva Patidar Samaj Mandal](#)

Dec 2024 – Feb 2025

Mumbai, Maharashtra

- Built the **backend** for a matrimonial website using **Laravel** and **MySQL**.

- Developed **RESTful APIs** for user registration, profile management, preferences, and **PDF export**.
- Implemented **authentication, validation**, and deployed the backend on **Hostinger**.
- Collaborated with the frontend team (**React.js**) for API integration.

Web Developer Intern

@ PBS Solution & Agro Products

Jan 2023 – Jun 2023

Thane, Maharashtra

- Built a **Java Swing-based billing application** to manage **customers, vendors, and invoices**, enabling **data export and PDF generation** for billing records.
- Contributed to development of **business portfolio websites** using **React, Node.js, and MySQL**.

TECHNICAL SKILLS

Full-Stack Development: Java (Servlets, Hibernate, JDBC, Spring Core, Spring Boot), JavaScript (React, Vue.js, MUI, Metronic), Node.js (Express), PHP (Laravel)

Databases & Cloud: MySQL, PostgreSQL, MongoDB, AWS Cloud Fundamentals

DevOps & Tools: Git, Postman, Docker, RESTful APIs, Cron Jobs, Queues, File Storage Systems, CI/CD Pipelines

Messaging & Integrations: Pusher.js, Apache Kafka, Mailtrap, Mailgun, Gemini AI, OpenAI, Groq APIs

Security & Authentication: JWT, OAuth2, Laravel Passport, Spring Security

Software Design & Concepts: Microservice Architecture, MVC Design Pattern, Agile/Scrum, Linux (Basics), Networking (OSI Model, IP)

Core Computer Science: Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Database Management Systems (DBMS), Operating Systems (OS), Computer Networks

PROJECTS

- Fitness Recommendation System (Spring Boot, Kafka, Eureka, API Gateway, Keycloak)
- Video Merger Tool (FFmpeg for video processing)

EDUCATION

Bachelor of Engineering (B.E.) in Information Technology Aug 2019 – May 2023

M.H. Saboo Siddik College of Engineering, Mumbai University

8.8 CGPA