Shubham Raut

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EXPERIENCE

Software Development Engineer I   Jun 2025 – Present
Onelab Ventures, Pune (Onsite)

- Building a production-grade B2B e-commerce platform using React PWA and Node.js microservices, delivering core modules like auctions, inventory, and order workflows.
- Implemented asynchronous event-driven processing using Redis and BullMQ for real-time auctions, notifications, and background jobs.
- Designed and deployed containerized services on AWS ECS (Fargate) with auto-scaling, ALB-based traffic routing, and Docker image management via ECR.
- Built end-to-end CI/CD pipelines using GitLab CI/CD and deployed frontend apps on AWS S3 + CloudFront.

Mobile Application Development Intern   Jan 2024 – Jun 2025
ResoluteAI Softwares, Bangalore (Remote)

- Worked on 4–5 production applications across healthcare, emergency response, and analytics domains.
- Improved application performance by 20% through component refactoring and UI optimization.
- Built secure REST APIs and modernized legacy Java modules by migrating to Kotlin.
- Implemented WebRTC video calling, geofenced live tracking, and health data integrations using Google Fit and Health Connect.

PROJECTS

LiveThread – Real-Time Discussion Chrome Extension

- Built a Chrome extension that converts any webpage into a live discussion forum using WebSockets.
- Designed scalable real-time architecture using Socket.io and Redis Pub/Sub.
- Implemented dynamic URL-based rooms and real-time user presence tracking.
- **Tech Stack:** React, TypeScript, Node.js, Socket.io, Redis, MongoDB
- /ShubhamRaut280/liveThread shubham9689/livethread-backend

ElectroRoute – EV Charging Station Management

- Developed Spring Boot REST APIs with JWT authentication for EV charging station discovery and management.
- Implemented geo-based search using latitude-longitude coordinates.
- Containerized backend using Docker and documented APIs with Swagger.
- **Tech Stack:** Java, Spring Boot, MySQL, Docker
- /ShubhamRaut280/electro-route shubham9689/electro-route Live Backend

SkillSphere – Freelancing Platform

- Built a Firebase-powered freelancing platform connecting clients with service providers.
- Implemented freelancer discovery, job requests, real-time notifications, and review systems.
- **Tech Stack:** React, Node.js, Firebase
- /ShubhamRaut280/skillsphere Live Site

EDUCATION

Sinhgad College of Engineering   Pune, India
B.E. Computer Science and Engineering — CGPA: 8.67/10   *2022 – 2025*

Government Polytechnic Khamgaon   Khamgaon, India
Diploma in Engineering — 90.46%   *2019 – 2022*

TECHNICAL SKILLS

Languages: Java, C++, JavaScript, Kotlin, Python
Backend: Node.js, Express, Spring Boot
Frontend: React, Flutter, HTML, CSS
Databases: PostgreSQL, MySQL, MongoDB, Redis
Cloud & DevOps: AWS ECS (Fargate), EC2, ECR, S3, CloudFront, ALB, Aurora, ElastiCache
CI/CD & Tools: GitLab CI/CD, Docker, Git, GitHub, Postman, Firebase
Operating Systems: Linux, Windows

Awards & Recognition

- **Customer Champion Award** - Onelab Ventures Recognized for a strong client-first mindset and consistently exceeding customer expectations.
- **Rising Star Award** - Onelab Ventures Awarded for rapid growth, initiative, and impactful early-stage contributions.

Certifications & Workshops

- Java
- MySQL
- Accenture Nordics Developer Program
- Postman API Fundamentals Student Expert
- Git and GitHub Workshop