OMKAR SONAWANE

Software Engineer · Full-Stack Developer

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PROFESSIONAL SUMMARY

Software Engineer and founding product builder with experience delivering production MERN systems, full-stack web applications, developer tooling, and security-focused solutions. Backend-focused across Node.js, Express, MongoDB, REST APIs, and real-time workflows; also hands-on with TypeScript, JavaScript, React, Python, and Java. Built RestoQR from scratch as a solo founder and contributed to the establishment of two hospitality and transportation platforms.

TECHNICAL SKILLS

Languages:	Java, JavaScript, TypeScript, Python, C, HTML, CSS
Frontend:	React, Vite, Next.js, Flutter, Tailwind CSS
Backend & Data:	Node.js, Express, REST APIs, Socket.IO, MongoDB
Tools & Security:	Git, Docker, Kubernetes, Linux, Postman, static analysis, vulnerability assessment, cybersecurity

PROFESSIONAL EXPERIENCE

Software Developer | Quibits IT Solutions — Remote | Jul 2024 – Mar 2025

- Worked as a Software Engineer on client-facing software initiatives, contributing across development, implementation, and delivery.
- Applied modern web technologies and software-development best practices to build secure, scalable solutions.

Professional Freelancer | Self-employed — Navi Mumbai, India | Mar 2022 – Present

- Delivered web applications, vulnerability assessments, and cybersecurity solutions tailored to client requirements.
- Combined full-stack development with security-focused problem solving across client engagements.

Contributor | GirlScript Summer of Code — Remote | May 2023 – Aug 2023

- Contributed code and improvements to open-source projects, collaborating with developers to improve project features and code quality.

REAL-WORLD PRODUCT EXPERIENCE

RestoQR | *Solo Founder · Full-Stack · QR Ordering · POS · Kitchen Display* | Live product

- Built a restaurant operations platform from scratch: QR ordering, live kitchen display, counter POS, billing, inventory, GST-ready invoicing, table settlement, and reporting.

VRS Translink | *Founding Member · Backend Developer · MERN* | Live platform

- Contributed to the overall establishment of a production employee-transportation platform, primarily building backend workflows for organizations, drivers, vendors, live tracking, route generation, analytics, and SOS operations.

Mend Hospitality | *Founding Member · Backend Developer · MERN* | Live platform

- Contributed to the overall establishment of a hospitality workforce platform connecting venues with verified professionals through identity, ratings, shift, and workforce workflows.

SELECTED PROJECTS

RouteMap | *TypeScript · JavaScript · Express static analysis* | GitHub

- Building a static-analysis compiler for Express codebases that resolves request lifecycles across route, middleware, controller, service, repository, and database layers; generates documentation, OpenAPI 3.1, Postman collections, Markdown, dependency graphs, and coverage reporting.

Codeglimpse+ | *React · TypeScript · Node.js · Express · Socket.IO · Monaco Editor* | GitHub

- Built a real-time collaborative code editor with shared rooms, multi-language execution, live chat, user presence, file/tab management, and a drawing board; supports C/C++, Python, Java, and JavaScript execution.

VedicVani | *React · Node.js · JavaScript · Python* | GitHub

- Built a full-stack application using Bhagavad Gita data, with a React frontend and Node.js backend for serving and exploring content. GitHub traction: 21 stars and 39 forks.

EDUCATION

Bachelor of Engineering (BE), Computer Science & Engineering (IoT & Cyber Security) | University of Mumbai | 2022

CERTIFICATIONS

Introduction to Large Language Models · Google IT Support Certificate · Flipkart GRiD 6.0 · Flipkart GRiD 6.0 – Software Development Track