Omanand Swami

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• in LinkedIn: in/omanandswami2005 • GitHub: omanandswami2005 • ⊕ Portfolio • ▶ Tech YouTube

Professional Summary

Performance-driven **Software Engineering student** with **60+ Repos on GitHub** & experience of building full-stack applications. Proven track record of developing **production-ready and scalable apps**, including an Order Management System for MoreX Tech. and **NPM Library** for **Gemini Gen-AI SDK**. Skilled in SQL, DB design, **REST API design**, and cloud platforms like **AWS**, with a commitment to writing **clean, maintainable and scalable** code for enterprise-level platforms.

Education

JSPM's Rajarshi Shahu College of Engineering	Pune, Maharashtra
B.Tech, Computer science and Business Systems (CGPA: 8.62)	(Expected) 09/2027
Diploma (Polytechnic)	Latur, Maharashtra
Computer Engineering (Percentage: 90.57%)	06/2021
Maharashtra Vidyalaya	Latur, Maharashtra
SSC (Percentage: 92.20%)	06/2021

Experience

MoreX Technologies	Hybrid
Technical Lead & DB Designer	12/2025 – 01/2026

- Developed full-stack web applications using the **PERN stack** (PostgreSQL, Express, React(TS), Node.js) & **Drizzle ORM** to **streamline internal business processes**. – CLICK HERE
- Collaborated **with Git and GitHub** on designing **mid scalable backend** architectures, **RESTful APIs, Database Schemas and Relations** to improve data retrieval speeds.
- **Engineered** scalable data workflows and **deployed** the app on cloud services, **Hostinger** with self-managed **VPS.** leading **40% cost reduction in deployment** over legacy system also Re-Designed legacy system with Elegant UI/UX, **leading 50% faster navigation**.

Projects – VIEW ALL HERE

Freelance App Projects **|** CAPACITOR JS, NODE JS, PostgreSQL, ReactJS
- **Developed** custom **Horse schedule management system** for small business client with **CAPACITOR JS**, leading to **reduction of cognitive stress** and **faster decision making process** on daily basis. – CLICK HERE
- Collaborated & Developed **Health Care and YOGA tracking** related Android APP (from WEB), for small business**.**

Dev Tools | NODE, NPM & Vite Build
- **Gemini Live Web SDK** | Real-time AI Integration: **Developed** a JavaScript SDK for real-time data streaming and low-latency communication using **WebSockets** and **WebRTC.** – CLICK HERE
- Path Genie: A tool that transforms boring syllabi into vibrant, interactive study roadmaps: pathgenie.onrender.com

Technical Skills

- **Languages** | Python, JavaScript (Node.js/React), Java, C++, SQL.
- **Frameworks** | React, Spring Boot, **Fast API**, Express.js.
- **Databases:** MongoDB, PostgreSQL, MySQL, **AWS Dynamo DB**.
- **Libraries** | Pandas, Matplotlib, TailwindCSS, Redux, Zod, JWT.
- **Platforms**: AWS (EC2, S3, IAM, Lambda), GCP (**Earned 30+ skill batches**), Cloudflare R2(Object Storage).
- **Developer Tools** | Git, Docker, GitHub, VS Code, PyCharm, IntelliJ Idea, Android Studio.

Certifications/Awards & Publications

Google Cloud Arcade Program: Online

- **Champion Tire Achievement**, with 30+ skill batches – credly.com

Infosys Springboard:

- **certified Basics of Python**. (03/2024)

Codingal's New Year Coding Challenge 2021: Runner Up

Leadership & Activities

Coding Club RSCOE   Pune, Maharashtra
Sr. Backend Developer   12/2024 – Present

- Designed & Developed Database architecture and Club's website respectively. – CLICK HERE

Active Member of (MONGODB USER GROUP & AWS USER GROUP, PUNE)   Pune, Maharashtra

- Attended 30+ tech meetups and 10+ hackathons; volunteered for 5+ technical events. – CLICK HERE

GitHub Exploration

- **Maintained 67+ repositories**, demonstrating a "learning-by-building" approach to the digital cosmos. – CLICK HERE

Community Technical Writing:

- Author of technical deep-dives blog on **MCP & ADK** privacy frameworks for developers on [Dev.to](Dev.to).