

Swapnil Suman

+91-8969971626 | swapnilsuman65@gmail.com | swapnilsuman.me | linkedin.com/in/swaaap-nil | github.com/swaaap-nil

EXPERIENCE

Backend Developer

Sept 2025 - Present

Rosche Systems — [Tendon.fit](#) | [Play Store](#) | [Details](#)

Pune, IN

- Led the development of backend for a fitness marketplace where individuals and businesses can buy fitness services
- Developed nearby service allowing users to search personal trainers based on their physical location
- Brainstormed and developed complex workflows for trainers to track workout history and take fitness tests of users

Backend & Cloud Infra Developer

Feb 2024 – July 2025

The Lean Product Studio — [Details](#)

Pune, IN

- Built and deployed scalable multi-tenant SaaS backend APIs handling 500+ concurrent transactions with 99% uptime.
- Implemented Role-Based Access Control (RBAC) via PostgreSQL Row Level Security
- Orchestrated AWS ECS infrastructure deployment using CloudFormation and CI/CD pipelines, improving deployment speed by 40%.

PROJECTS

Freelance – Real Estate CRM | *FastAPI, React Native(Expo), PostgreSQL, Cloudflare* | [Link](#) Jan 2026 – Present

- Built and deployed a production-grade real estate CRM as the sole freelance developer for a private client, delivering a cross-platform mobile app, web admin portal, and backend API.
- Built an automatic call recording system that securely stores customer conversations in the CRM, giving agents instant access to past interactions during follow-ups.
- Implemented lead pipeline management, role-based access control, bulk Excel lead imports, and complete activity history for a production system used daily by real estate teams.

Multi-Threaded Proxy Server | *C, Socket Programming, Caching Techniques* | [Link](#)

Nov 2024 – Dec 2024

- Engineered a layer 7 proxy server from scratch in C.
- Integrated LRU cache, cutting backend load by 38% and improving response times by 25%

IRCTC Bot | *Nodejs, Wireshark, Javascript Obfuscation, gRPC* | [Link](#)

Jan 2024 – March 2024

- Built an autonomous bot for booking tickets during peak hours with 70% success rate(approx.)
- Implemented a OCR microservice for reading captchas, achieving minimal human interactions.
- Applied deobfuscation techniques to analyze function calls of the official site

EDUCATION

Bachelor of Technology (Dr. A. P. J. Abdul Kalam Technical University, Lucknow) 2021 – 2025

Computer Science & Engineering

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (NodeJS), PHP, JAVA, Python

Frameworks & Libraries: NestJS, ExpressJs, Laravel

Technologies: AWS (EC2, ECS, Lambda, S3, CloudFormation, IAM, RDS, CodePipeline, CodeBuild, CodeDeploy, Cognito), Linux, Docker, Postgres, Git

CERTIFICATIONS

- Fundamentals of : [Backend Engineering](#), [Operating Systems](#), [Network Engineering](#)

POSITIONS OF RESPONSIBILITY

- In-charge, Video Editing Division, KIET Movie Society
- Member, Google Developer Student Circuit, KIET
- Coordinator, PyDelhi Meetup at KIET

ACHIEVEMENTS

- Authored multiple [medium](#) articles on backend development, networking, and cloud technologies, amassing **5k+ views**