

Saurabh Vishwakarma

✉ contact@saurabhvishwakarma.in ☎ 7000729488 📧 saurabhvishwakarma.in in linkedin 🐙 Github
🔗 leetcode

Education

RGPV University

Sept 2021 – May 2025

Bachelor of Engineering in Computer Science

- GPA: 6.91/10
- **Coursework:** Computer Architecture, Data Structures, Algorithms, Databases, OS, Computer Networks.

Experience

Software Engineer Intern

Bhopal, MP

Blue Mango Labs

Jan 2024 – Dec 2024

- Architected the backend of a high-performance astrology application with FastAPI using Domain-Driven Design patterns, integrating LiveKit SDK for real-time video streaming and voice call functionality
- Deployed infrastructure using AWS EC2, Nginx load balancing, and S3 for media management, while implementing real-time messaging via MQTT Protocol
- Developed AI-powered response system using Langchain with Anthropic and OpenAI models, and implemented comprehensive monitoring through Grafana and Prometheus integration

Skills

Languages & Frameworks: Python, JavaScript, FastAPI, Django, React.js, Langchain

Cloud & Infrastructure: AWS (S3, RDS, EC2), Docker, CI/CD, Nginx

AI & Backend: Langchain integration, RESTful APIs, PostgreSQL, Redis.

Architecture & Design: Microservices, MVC, Clean Architecture, Domain-Driven Design, Monolithic

Projects

PinSphere: A Dynamic Platform for Multimedia Sharing

[repo link](#) [View Live](#)

- Developed a full-stack social media platform for sharing multimedia content with scalable AWS S3 storage and JWT/OAuth2 security infrastructure
- Enhanced user experience with BlurHash technology and built automated media processing pipeline using Celery workers for image optimization
- Engineered modular monolith architecture with comprehensive monitoring via Grafana/Prometheus, using React, FastAPI, PostgreSQL, RabbitMQ, Docker, and OpenTelemetry
- Tools Used: Python, FastAPI, React, S3, EC2

Sonnet: A logistic platform

[repo link](#)

- Created a high-scale logistics platform supporting 50M+ users with OAuth2 security and Google Maps integration, achieving 99.9% uptime, 200ms response times.
- Implemented real-time tracking and notification systems processing daily updates with low latency.
- Built with React, FastAPI, SQLAlchemy, PostgreSQL, DaisyUI, and Google Maps API to deliver robust performance and seamless user experience

Achievements

- Technical Problem Solving: Solved 300+ DSA questions on LeetCode, GeeksForGeeks, Decoder, and Coding Ninja platforms.