

SOHAM PANCHAL

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EDUCATION

University of Mumbai

Bachelor of Engineering in Computer Engineering

2025

Mumbai, India

TECHNICAL SKILLS

Languages: Python (Primary), JavaScript (React, Next.js), SQL, HTML/CSS

Backend Frameworks: Django, Django Rest Framework, Flask, FastAPI

Frontend: React.js, Next.js

Databases: PostgreSQL, MySQL, Redis, MongoDB

Cloud & DevOps: AWS (EC2, S3, RDS, Lambda), Docker, Kubernetes, Terraform, Nginx, Apache, GitLab CI/CD, Jenkins, Linux System, Ubuntu

Tools & Collaboration: Git, GitLab, Postman, JIRA, Agile/Scrum

Architecture: REST APIs, Microservices, Serverless Applications, Event-Driven Architecture

Leadership: Mentoring, Code Reviews, Technical Decision Making, Cross-Functional Collaboration

EXPERIENCE

AltissAdvance Tech Private Ltd

Full Stack Developer

Oct 2023 – Feb 2025

Mumbai, India

Architected enterprise-grade **WhatsApp Business Platform** processing **1M+ messages/month** with 99.99% uptime using microservices, Docker Swarm, and Traefik load balancing

Built drag-and-drop flow builder with automated tracking, reducing response times by **65-70%** and increasing conversions by **40%**

Optimized database queries and implemented Redis caching, achieving **3x performance improvement** with zero-downtime blue-green deployments

Led a team of 6 developers, established agile processes, and mentored 10+ interns, resulting in **30% faster delivery cycles**

AltissAdvance Tech Private Ltd

Full Stack Developer Intern

Jul 2023 – Oct 2023

Mumbai, India

Implemented a scalable CRM and Affiliate Management System supporting 10+ users

Optimized MySQL queries with indexing strategies, reducing data retrieval by **75%** for 100K+ record datasets

Built RESTful APIs with authentication serving **1K+ daily requests** with sub-200ms response times

PROJECTS

LLM Stack Monitor | Python, ReactJS, FastAPI, PostgreSQL, Django

Scalable monitoring tool for tracking LLM API usage across services. Enabled anomaly detection, dashboards, and usage heatmaps. Reduced API costs by 20%.

AI-Powered Job Profile Matcher | Python, TensorFlow, Scikit-learn, Django

Developed an AI-powered job profile matching system using machine learning to assess strengths, suggest improvements, and match candidates with job roles.

MemeBot - Intelligent Telegram Bot | Python, Telegram API, Redis

Created a bot serving 100+ memes on demand with real-time analytics and 30+ keyword recognition.

ACHIEVEMENTS & LEADERSHIP

Competitive Programming: Solved 100+ LeetCode problems in dynamic programming and graph algorithms

Hackathons: 7th nationally in Smart India Hackathon 2024 (10,000+ teams), 15th globally in BitnBuild International

Leadership: Mentored 10+ students in hackathons and competitive programming, co-founded university coding club with 80+ members

Content: Published Medium articles on system design and architecture with 1,200+ reads in developer community