

Sanket Ugale

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SUMMARY

Performance-driven **Software Developer** with extensive experience in **Backend Engineering** and **Generative AI**. Proven track record of optimizing high-traffic FinTech systems, reducing API latency by 95%, and architecting scalable **LLM-based applications**. Expert in **Python, Django, and RAG frameworks**, with a strong focus on building secure, production-ready solutions for healthcare and finance sectors.

SKILLS

- **Languages & Frameworks:** Python (Django, Flask, FastAPI), Golang, Node.js, Next.js, Flutter, SQL, NoSQL.
- **GenAI:** LangChain, RAG (Retrieval-Augmented Generation), Vector Databases (Pinecone, Milvus), Claude, OpenAI, Cursor, MCP.
- **Cloud & DevOps:** AWS, Azure, Docker, Kubernetes, CI/CD, Nginx, Gunicorn, Redis, RabbitMQ, Kafka.
- **Tools & Monitoring:** Git, GitHub, GitLab, GraphQL, Grafana, Prometheus, Vector DBs, Linux, Postman.

WORK EXPERIENCE

Software Developer, LenDenClub

Jun 2025 – Present

- **Architected and scaled** secure P2P lending backend services, handling thousands of concurrent transactions with high availability.
- **Optimized SQL queries by 80%** and implemented caching strategies, resulting in a **95% reduction in API response times** for critical financial endpoints.
- Spearheaded the transition to a microservices-oriented architecture to improve system modularity and deployment frequency.

Software Developer, mSwasth Tech Private Limited (Dashmed)

Jul 2024 – Apr 2025

- Led the integration of the **ABDM (Ayushman Bharat Digital Mission)** ecosystem, ensuring 100% compliance with national healthcare standards.
- Developed a modular middleware that reduced the integration time for new healthcare modules by 40%.
- Enhanced data security and interoperability protocols for sensitive patient health records using encryption best practices.

Backend Developer Intern, Altissadvance Tech

Jun 2024 – Jul 2024

- Built and maintained **Django-based backend systems** utilizing Celery and Redis for asynchronous task processing.
- Integrated multi-channel payment gateways and third-party APIs, improving transaction success rates by 15%.

Software Development Engineer Intern, GreenCurve Securities

Jan 2024 – Apr 2024

- Developed real-time data streaming backends to provide users with live financial market insights and content updates.
- Streamlined content distribution pipelines, reducing data lag by 20% for end-user dashboards.

PROJECTS

Aanya.ai: Human-like AI Agent with Emotional Intelligence

- Developed an advanced **AI Agent** capable of human-like conversation by integrating emotional nuance and sentiment analysis.
- Engineered a custom **RAG (Retrieval-Augmented Generation)** pipeline to minimize hallucinations and maintain context across long-form interactions.
- Optimized inference latency to sub-second levels, ensuring a seamless, real-time user experience for voice and chat operations.
- **Tech Stack:** Claude (Anthropic), Next.js, LangChain, RAG, Vector Databases, TypeScript, Vercel.

Trilux: Application Security Framework

- Designed an automated security framework to detect vulnerabilities in **AI models, Mobile Apps, and Backends** pre-deployment.
- Implemented real-time threat monitoring and mitigation strategies for enterprise-grade LLM implementations.
- **Tech Stack:** Python, GenAI Security, Docker, Prompt Injection Defense, React.

MindsCare.me: AI-Driven Mental Health Platform

- Built a scalable backend using **Django REST Framework and Celery** to support AI-driven early detection of mental health trends.
- Integrated biometric data analysis and AI chatbots to provide personalized support to 1,000+ beta users.
- **Tech Stack:** Flutter, Next.js, PostgreSQL, Redis, Docker, LLMs.

ACHIEVEMENTS

- **1st place** at ATMECS Global Gen AI Hackathon among 4,900+ participants.
- **1st Place** at mIndicator & VJTI National Level Hackathon among 100+ teams.
- **Finalist** at SBI-Life CyberSecurity Hack-Ai-Thon 2025 and Superops.ai SuperHack 2025.

- **Top 10** at National Level Rajasthan Police Hackathon 1.0 among 1,600+ teams.

EDUCATION

Rajiv Gandhi Institute of Technology

Aug 2022 – May 2025

B.E. in Computer Engineering

Vidyalankar Polytechnic

Aug 2019 – Jul 2022

Diploma in Computer Engineering