Sanket Ugale

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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

SKILLS

Languages & Framework: Python, JavaScript, Golang, Django, Flask, Django-rest-framework, NodeJs, NextJs, React, Flutter, SpringBoot
Technologies & Tools: PostgreSQL, MongoDB, MySQL, SQLite, Cassandra, Redis, RabbitMQ, gRPC, Kafka, Firebase, Git, GitHub, Gitlab, Docker, AWS, GCP, Azure, GenAI, LangChain.

EXPERIENCE

Software Developer   *Jul 2024 – Apr 2025*
mSwasth Tech Private Limited (Dashmed)   *10 months*
Contributed to a leading healthcare platform, enhancing integration with the ABDM ecosystem. Developed streamlined solutions enabling quick implementation of ABDM-centric features with minimal code.

Backend Developer, Intern   *Jun 2024 - Jul 2024*
Altissadvance Tech Private Limited   *2 months*
Developed and optimized backend systems using Django, MySQL, Celery, and Redis, including third-party API integration and payment gateway implementation. Enhanced system performance and reliability through effective coding and troubleshooting.

Software Development Engineer, Intern   *Jan 2024 - Apr 2024*
GreenCurve Securities   *4 months*
Developed backend systems to deliver dynamic and real-time content for user engagement. Contributed to ensuring up-to-date information for enhanced user experience.

Full Stack Developer, Intern   *Sep 2021-May 2022*
Noble Intermediates Pvt Ltd   *9 months*
Created a full-stack E-commerce platform with HTML, CSS, JavaScript, Bootstrap for frontend, PHP, MySQL for backend; incorporated user authentication, product, and order management for seamless performance and data integrity.

Python Developer, Intern   *Jul 2021 - Sep 2021*
A2TECH CONSULTANTS   *3 months*
Developed a desktop application to monitor staff activities on working PC/Laptop. Utilized Python Tkinter for the frontend and integrated Firebase for the backend, ensuring effective monitoring and data management.

PROJECT [Explore 20+ projects on my portfolio: www.sanketugale.tech]

⬀ MindCare: Empowering Mental Health
- Designed and developed an innovative, research-based mental health platform leveraging ML, GenAI, and LLMs for early detection and personalized support.
- Built a scalable backend using Django, Django REST Framework, Celery, Django Channels, PostgreSQL, Redis, and Docker for real-time mental health assessments.
- Developed an intuitive, cross-platform frontend using Flutter & Next.js to enhance user engagement and accessibility.
- Innovative approach: Integrated biometric data analysis, AI-driven chatbots, and gamification to improve mental well-being and user retention.

⬀ Obsedian: Security Framework For Large language models
- Designed and developed a comprehensive security framework for Large Language Models (LLMs), enabling organizations to test, monitor, and enhance LLM security before and after deployment.
- Integrated automated security assessments to detect vulnerabilities and mitigate risks in AI models.
- Developed real-time monitoring tools to track potential threats and improve model safety.
- Innovative approach: Combined AI security best practices with custom defense mechanisms, ensuring robust and adaptable protection for enterprise LLMs.

⬀ S-Indicator: AI-Powered Road Sign Detection System
- Developed a real-time road sign detection system using Python, TensorFlow, and OpenCV, enhancing driver safety and awareness.
- Implemented machine learning models for accurate sign classification and recognition.
- Built an interactive web interface using HTML, JavaScript, and CSS for seamless user interaction.
- Innovative approach: Combined computer vision and AI to create an efficient, real-time traffic sign recognition system for smart driving assistance.

EXTRA-CURRICULAR ACTIVITIES/ACHIEVEMENTS

SBI-Life CyberSecurity Hack-Ai-Thon 2025 Finalist

1st place at ATMECS Global Gen AI Hackathon among 4900 Participants

1st Place at mIndicator & VJTI National Level Hackathon among 100 selected teams

2nd Place at Recursion 5.0 National Level Hackathon among 130 teams

2nd Place at Vidyalankar Polytechnic Hackathon

Finalist at National Level Rajasthan Police Hackathon 1.0 among 1600 teams