NIKSHITH NOOKA

AI/ML Developer | 8x Hackathon Winner | CGPA 9.46/10
Hyderabad, India | +91 8309065513 | nikshithnooka@gmail.com
LinkedIn: linkedin.com/in/nikshith-nooka | GitHub: github.com/nikshith-nooka

Professional Summary

AI/ML Developer, 8x Hackathon Winner, and Computer Science undergraduate with a CGPA of 9.46/10, combining strong academic performance with hands-on industry experience in AI/ML and full-stack development. Experienced in Machine Learning, Computer Vision, NLP, Generative AI, voice agents, and scalable web applications, with experience building production-oriented AI systems using TensorFlow, OpenCV, LangChain, Gemini API, and Google Cloud Platform.

Education

Malla Reddy University, Hyderabad Aug 2023 - May 2027
B.Tech in Computer Science and Engineering (AI and ML) **CGPA: 9.46/10**

Professional Experience

AI Developer Intern, MondeeTech Private Limited Jul 2026 - Present
- Build AI-powered voice agents and conversational systems, focusing on low-latency, real-time interactions, speech processing, and production-oriented AI workflows.
- Perform fare analysis and competitor analysis by collecting competitor data with web scraping tools, including Firecrawl and Scrapling.

Full Stack Developer, Studlyf Aug 2026 - Sep 2026
- Developed and integrated full-stack web applications, contributing to frontend interfaces, backend APIs, database integration, and end-to-end application workflows.

ML Intern, XYZON Technologies Feb 2026 - May 2026
- Built a student performance prediction model on 1,500 records using Scikit-learn and feature engineering techniques, improving predictive performance and enabling data-driven academic insights.

Full Stack Developer Intern, Swecha (Open Source) Sep 2025 - Nov 2025
- Developed a MERN-based healthcare platform managing 300+ patient records across 45+ operational sessions with scalable backend architecture.

Projects

Duality AI - Real-Time Object Detection
- Developed a real-time object detection system using 7 GB+ image data across 7 classes, achieving 88% accuracy with sub-2-second inference performance.

VanRaksha - Forest Fire Risk Detection
- Built a CNN-based fire risk prediction model using 5,000+ satellite images and weather parameters, achieving 85% accuracy for early forest fire risk assessment.

GeoSick - Gemini Powered Global Health Analyzer
- Developed a computer vision pipeline processing 1,000+ satellite images to analyze environmental and health risk indicators using AI-driven insights.

PetGuide AI - Self-Learning Recommendation Engine
- Built an adaptive AI assistant covering 100+ animal species with continuous feedback-driven recommendation improvement and personalized suggestions.

Technical Skills

Languages: Python, JavaScript, C
AI/ML: Scikit-learn, TensorFlow, OpenCV, CNNs, Natural Language Processing (NLP), Retrieval-Augmented Generation (RAG), LangChain, Gemini API, Generative AI, Voice Agents
Data Science: Pandas, NumPy, Feature Engineering, Model Training, Cross-Validation, Precision, Recall, F1 Score, AUC
Data Collection: Web Scraping, Firecrawl, Scrapling
Cloud and APIs: Google Cloud Platform (GCP), AWS, REST APIs
Web Technologies: React.js, MERN Stack, MongoDB, MySQL, Firebase
Tools: Git, GitHub, Postman

Leadership

- Google Campus Ambassador
- Conducted AI and Cloud Workshops
- Mentored 200+ Students
- Active Open Source Contributor

Achievements

- 8x Hackathon Winner across National and International Competitions
- 1st Prize, Paranox 2.0 National Level Hackathon, New Delhi
- 3rd Prize, HACK-A-THON 1.0 International Level Hackathon
- Winner: Darknetrix, Build With AI, Nav Nirman, Promptathon, Aignite, and Code Surfers

Certifications

Microsoft Azure AI Fundamentals | GenAI 101, NSDC / GDG | Shield of Appreciation, Academic Excellence