

Sufiyan Ahmed S A |

AI/ML Engineer & Software Developer

Gopala, Shivamogga – Karnataka, India

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🌐 sufiyan-2003.github.io/Sufiyan-Portfolio.github.io • **in** [sufiyan-ahmed-506164259](#)

🔗 Sufiyan-2003 • Born: May 16, 2003

Professional Summary

AI/ML Engineer and Software Developer experienced in Machine Learning, Deep Learning, NLP, Computer Vision, and full-stack web development. Skilled in model training, system design, and API deployment. Passionate mentor who has trained 150+ students through workshops and hackathons.

Education

PES Institute of Technology and Management

B.E. in Artificial Intelligence & Machine Learning, Expected 2026

Relevant Coursework: ML, DL, NLP, CV, Mathematics for AI, MERN Stack

Shivamogga

2022–2026

Technical Skills

Programming: Python, JavaScript, Java, C, SQL, Object-Oriented Programming

Data Science: NumPy, Pandas, SciPy, Matplotlib, Seaborn

Machine Learning: Linear & Logistic Regression, Decision Trees, Random Forests, Gradient Boosting (XGBoost, LightGBM), scikit-learn

Deep Learning: Neural Networks, CNNs, Model Fine-tuning, TensorFlow, PyTorch

NLP & LLMs: DistilBERT, Tokenization, Text Classification, Large Language Models (LLMs)

Computer Vision: OpenCV, Image Processing, Feature Extraction

Web & APIs: Flask, REST APIs, Model Serving, Backend Integration

Databases: MongoDB, MySQL, Firebase

Cloud & DevOps: Docker, Cloud-Based Platforms, Deployment Pipelines

Tools: Git, GitHub, Heroku

Professional Experience

Webschedio Pvt. Ltd.

Full-Stack Developer Intern

Shivamogga

Mar–Jul 2024

- Built responsive UI components using React, HTML, CSS, JavaScript
- Integrated REST APIs and improved UI/UX consistency
- Developed reusable components boosting dev efficiency by 30%

Key Projects

NewsSense — AI News Classifier

Technologies: DistilBERT, Flask, NLP

2025

- Fine-tuned DistilBERT achieving 92% accuracy
- Built production-ready Flask inference API
- Implemented optimized preprocessing & class balancing

AI Smart Hiring System (Virtual Hiring Platform)

2025

Technologies: Python, Machine Learning, Flask, SQL, Docker

- Designed an AI-driven system for automated candidate screening
- Applied ML techniques for resume analysis and candidate scoring
- Built Flask-based REST APIs for recruiter interaction

Real-Time AQI Monitoring System

2025

Technologies: Flask, WAQI API, JavaScript

- GPS-enabled AQI tracker with live updates
- Visualized AQI trends using interactive charts
- Built auto-refresh environmental monitoring

Scam Email Detection Tool

2025

Technologies: ML, Python

- Hybrid ML + rule-based phishing detection
- Behavior-aware threat analysis
- Achieved 88% detection accuracy

Image Steganography Web App

2025

Technologies: Flask, Cryptography

- AES-encrypted LSB steganography
- PSNR-based quality check
- Simple UI for secure message handling

Virtual Pitch & Drop

2024

Technologies: OpenCV, Motion Tracking

- Real-time gesture tracking and accuracy analysis

Virtual Sound Controller

2024

Technologies: Python, OpenCV, MediaPipe, Computer Vision

- Developed a gesture-based system to control system volume in real time
- Used hand landmark detection for dynamic volume mapping

Teaching & Mentorship

- Conducted 6-day Full-Stack Development workshop for 60+ AIML students
- Mentored 150+ students in AI/ML, web dev, and project building
- Guided multiple teams in WE-ENV 12-hour hackathon

Achievements

- Delivered 10+ AI/ML & full-stack projects end-to-end
- Recognized for technical mentorship and departmental contributions
- Active open-source and community educator

Certifications

2021: Hardware & Networking — Training in PC hardware, diagnostics, and network setup

2024: Generative AI Workshop — NxtWave

2024: Full-Stack Development Workshop Certification

2024: Machine Learning Specialization — Professional Development