

# Sufiyan Ahmed S A |

AI/ML Engineer & Software Developer

Gopala, Shivamogga – Karnataka, India

📞 +91 87490 21418 • ✉️ saheaven786@gmail.com • 🌐 sufiyan-ahmed-506164259

🔗 Sufiyan-2003 • 🎂 Born: May 16, 2003 • 🖋️ Pen name: *Muraad*

## Professional Summary

AI/ML Engineer and Software Developer with hands-on experience in Machine Learning, Deep Learning, NLP, Computer Vision, and full-stack web development. Strong foundation in model training, system design, and API deployment. Passionate mentor who has trained 150+ students in AI/ML and Web Development 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

**Languages:** Python, JavaScript, Java, C

**Web:** React, Node.js, Express, HTML5, CSS3, Flask

**Databases:** MongoDB, MySQL, Firebase

**AI/ML:** PyTorch, TensorFlow, scikit-learn, OpenCV, DistilBERT

**Tools:** Git, GitHub, Docker, REST APIs, Heroku

**Expertise:** Model Fine-tuning, Image Processing, API Development

## 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**

*2025*

*Technologies: DistilBERT, Flask, NLP*

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

**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

### **PulseAid — AI First-Aid Assistant**

2024

*Technologies: CV, Python*

- Injury detection prototype with CV region mapping
- Generated step-wise first-aid instructions

## **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

## **Interests**

---

AI Research, Image Processing, Robotics & IoT, Teaching, Urdu Shayari (*Muraad*), Photography