AKASH SUBRAMANI

Coimbatore, Tamil Nadu  
Email: akash.iniyaa@gmail.com | Phone: +91 98435 44438  
Portfolio: www.akashsubramani.com | LinkedIn: linkedin.com/in/akashsx28 | GitHub: github.com/AKASHS2884

# PROFESSIONAL SUMMARY

Computer Science graduate passionate about machine learning, AI applications, and full-stack development. Demonstrated ability in building scalable, ML-driven solutions with hands-on experience in Python, TensorFlow, Scikit-learn, and React. Proven leadership with 50+ accolades across hackathons, research, and technical competitions. Strong communicator skilled in collaborating with cross-functional teams to deliver impactful AI projects.

# TECHNICAL SKILLS

Languages: Python (Advanced), SQL, JavaScript, HTML/CSS, Dart

Frameworks/Libraries: TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, React, Flask, Django

Tools: GitHub, MLflow (basic), Jupyter Notebook, Google Colab, MS Office

Concepts: Supervised/Unsupervised Learning, Neural Networks, Feature Engineering, Model Deployment, Regularization

Cloud & Deployment: Google Cloud Platform (GCP basics), Docker (basic), Streamlit

Other: UI/UX Design, Data Visualization, Agile, Cross-functional Communication

# EDUCATION

B.E. in Computer Science and Engineering — CGPA: 8.0  
Nehru Institute of Technology, Coimbatore (Graduation: 2025)

# PROJECTS

AI Quantum Drug Analyzer

Developed a real-time drug matching system using neural regression models. Implemented model training pipelines in Python and used SQL for storage. Designed user-friendly UI using JS and Python Flask.  
Technologies: Python, C++, Flask, Neural Networks, SQL

ML-Powered Agricultural B2B Platform

Built an intelligent trade platform for farmers and merchants with backend support for predictive analytics and pricing models. Integrated feature engineering and basic recommendation logic.  
Technologies: JavaScript, Python, SQL, Microservices

Disaster Response App – V-One Community

Created a cross-platform real-time emergency alert system using React Native and Django. Integrated location-aware APIs and real-time response models.  
Technologies: React Native, Django, Spring Boot, SQL

# INTERNSHIP & EXPERIENCE

Project Management Assistant – Emiglitz Technologies  
Jan 2022 – Aug 2023

- Supported ML product planning and pipeline management.  
- Coordinated with data and engineering teams to optimize execution cycles.

Frontend Developer Intern – Techvolt  
Oct 2023 – Dec 2023

- Designed and implemented responsive UIs.  
- Worked with RESTful APIs to integrate data into dynamic applications.

# CERTIFICATIONS

- Machine Learning Specialization – Coursera (Andrew Ng)

- Python for Data Science – GUVI

- Introduction to TensorFlow – Google Developers

- AI/ML Competitions – Kaggle (Projects showcased on portfolio)

Portfolio: freelancescaleup.weebly.com/certifications.html

# ACHIEVEMENTS

- Winner, Cancer Hackathon 2023 – Real-time tumor detection model

- Winner, VIT TechVilla – Entrepreneurship-based AI project

- Research Presentation – Western Norway University (ML-based analytics)

- 50+ Awards in Hackathons, Paper Presentations, and AI/UX Contests

Achievements: freelancescaleup.weebly.com/achievements.html

# LEADERSHIP & COMMUNITY

- President, English Club – Sri Sowdeshwari Vidyalaya

- Student Secretary – Nehru Institute of Technology

- Lead Organizer – AI & Data Science Hackathons

# LANGUAGES

English – Fluent | Tamil – Fluent