Aluru Venkata Anith Pavan Kumar

+91 9121673207 # anithpavankumar@gmail.com# Venkata Anith Pavan Kumar Aluru # Anithpavan

Education

Audisankara College of Engineering & Technology

2023-2027

B.Tech in Artificial intelligence & Data science

7.71/10 CGPA

Experience

Full Stack Developer Intern – Blend Vidya EdTech
*Bengaluru | **Nov 2025 – Feb 2026 (3 Months)***

Technologies: *Python, Flask,node.js, JavaScript, HTML, CSS, REST APIs,ML Models, Git/GitHub*

- *Contributed to the development of production-level web applications in an **EdTech platform** using a full-stack approach.*
- *Designed and implemented **RESTful backend APIs with Flask** to manage application logic, authentication, and data flow.*
- *Developed **responsive and user-friendly frontend interfaces** using HTML, CSS, and JavaScript.*
- *Worked closely with team members to **implement new features, resolve bugs, and optimize performance**.*
- *Used **Git/GitHub for version control**, followed documentation standards, and applied basic testing practices during development.*

Projects

AI Fruit Identification System [OpenCV, Python, Flask, TensorFlow/Keras]   **Github**
- Developed a web-based AI system that classifies fruit types from images using a custom-trained Convolutional Neural Network.integrated the model into a flask backend with responsive HTML/CSS/JS frontend.
- Trained on a multi-class fruit dataset using CNN architecture .Achieved high classification accuracy after model tuning.
- Deployed the model locally via Flask with an intuitive UI.

AI Face Detection for College Attendance [Python, OpenCV, DeepFace, Flask, Pandas, Numpy]   **Github**
- Built an AI-powered facial recognition system for school attendance. Used OpenCV Haar cascades for real-time face detection and DeepFace for recognition.Automatically logs attendance with timestamps into a CSV file.
- Real-time webcam-based face detection.Face recognition using DeepFace without GPU or dlib.
- Accurate attendance logging with robust error handling.

Crop Calendar Awareness System
[Python, Flask,HTML/CSS, JavaScript, Bootstrap, pandas, REST API]   **Github**
- Built a full-stack web application that provides region and season-wise crop calendars to support farmers in sowing and harvesting decisions.
- Integrated a user-friendly UI, dynamic crop data filtering, and RESTful API with future scope for AI-based crop recommendation.
- Dynamic filtering by region and season. Real-time crop activity display using a CSV dataset, Ready for AI model integration for crop prediction.

Skills

- **Languages:** Python, JavaScript, HTML, CSS, SQL, C
- **Libraries & Frameworks**: Flask, OpenCV, Pandas, Bootstrap,DeepFace,TensorFlow
- **Developer Tools**: Docker, Git/GitHub, VS Code, Render, Jupyter
- **Domains**: AI/ML, Web Development, Agricultural Tech, Real-Time Applications

Open Source Experience

Open-Source Contributor – UNICEF Bebbo (React Native 0.72)
Authored Windows environment setup guide for Android builds, eliminating setup errors and reducing onboarding time for new contributors , PR #1045 merged after code/documentation review by maintainers.