

VENKATA ANITH PAVAN KUMAR ALURU

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GitHub: <https://github.com/Anithpavan>

Portfolio: https://anithpavan.github.io/Anith_portfolio/

EDUCATION

Audisankara College of Engineering & Technology | B. Tech in Artificial Intelligence & Data Science | 2023-2027 | CGPA: 7.71/10

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, HTML, CSS, SQL, C

AI/ML & Frameworks: TensorFlow, Keras, PyTorch, OpenCV, DeepFace, Pandas, NumPy, Computer Vision, Deep Learning

Web Development: Flask, Node.js, Express, React, React Native, Bootstrap, REST APIs, Responsive Design

Tools & Databases: Git, GitHub, Docker, VS Code, Jupyter, MongoDB, PostgreSQL, Render

PROFESSIONAL EXPERIENCE

Full Stack Developer Intern | Blend Vidya EdTech, Bengaluru | November 2025 - February 2026

- Contributed to production-level web applications using Flask, Node.js, JavaScript, HTML, CSS, and ML models
- Designed and implemented RESTful backend APIs with Flask for authentication, data flow, and application logic
- Developed responsive frontend interfaces and collaborated with team members to implement features and optimize performance

KEY PROJECTS

AI Fruit Identification System | Python, Flask, TensorFlow, Keras, OpenCV, HTML/CSS/JS

[GitHub](#)

- Developed web-based AI system using CNN to classify fruit types with high accuracy; deployed via Flask with intuitive UI

AI Face Detection for College Attendance | Python, OpenCV, DeepFace, Flask, Pandas

[GitHub](#)

- Built facial recognition system using OpenCV Haar cascades for real-time detection and DeepFace for recognition; automated attendance logging with timestamps

Crop Calendar Awareness System | Python, Flask, HTML/CSS, JavaScript, Bootstrap, Pandas, REST API

[GitHub](#)

- Built full-stack application providing region and season-wise crop calendars with dynamic filtering and RESTful API

OPEN SOURCE CONTRIBUTIONS

- **UNICEF Bebbio (React Native):** Authored Windows environment setup guide for Android builds, PR #1045 merged
- **JdeRobot RoboticsAcademy:** Contributed UI fixes, template editing, and simulation debugging for robotics education
- **ML4SCI (Stingray):** Merged PR #923 for machine learning applications in scientific computing
- **OpenAstronomy:** Prepared GSoC proposals for astronomy-related ML projects