

Pavani Reddy Sai Anirudh

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SUMMARY

Enthusiastic and detail-oriented Full Stack Developer with a strong foundation in programming and web technologies. Skilled in building scalable applications using Java, JavaScript, HTML, CSS, and SQL. Experienced in developing real-time, AI-powered, and collaborative projects through academic and self-driven initiatives. Certified in Machine Learning for Computer Vision and Leadership Development, with a strong academic background in Computer Science and Engineering.

EDUCATION

- Mohan babu university** Sep 2022 - May 2026
BTech in computer science Tirupathi, Andhra Pradesh
◦ GPA: 8.1

PROJECTS

AI-Powered Recipe Generator

- Description:** Developed a web-based application that generates personalized recipes using AI based on user preferences.
- Machine Learning:** Implemented recommendation models to suggest recipes tailored to individual user inputs.
- Natural Language Processing:** Used NLP techniques to generate and format recipe instructions dynamically.
- Full Stack Development:** Designed an intuitive frontend using HTML, CSS, and JavaScript with an SQL-based backend for user data storage.

Intelligent Wild Animal Activity Detection and Alert Generation Using Hybrid Deep Learning

- Description:** Developed an intelligent system to detect wild animal activity from surveillance footage using hybrid deep learning techniques.
- Deep Learning:** Improved detection accuracy by combining CNN models for spatial feature extraction with RNN models for temporal analysis.
- Alert System:** Designed an automated real-time alert generation system to notify authorities and help prevent human-animal conflicts.
- Robustness:** Ensured reliable performance across diverse environmental conditions and varying lighting scenarios.

WORK EXPERIENCE

- Gandeevan Technologies OPC Pvt Ltd**
Embedded Software Developer Intern
 - Worked on embedded software development tasks involving real-world system implementation.
 - Assisted in development, testing, debugging, and documentation of embedded applications.
 - Collaborated with mentors, followed project timelines, and gained hands-on experience in embedded systems development practices.

TECHNICAL SKILLS AND INTERESTS

- Programming Languages:** C, Python, Java, JavaScript, HTML, CSS
- Web Technologies:** React.js, Node.js, Express.js
- Databases:** MySQL
- Tools Platforms:** GitHub, Linux, VS Code
- Soft Skills:** Problem-solving, Team Leadership, Communication, Time Management

LANGUAGES

Telugu (Native), English (Fluent), Hindi (Beginner), Tamil (Beginner), French (Novice)

CERTIFICATIONS

- Machine Learning for Computer Vision**
- Leading Teams: Developing as a Leader**