PAVANI JANGILI

Attended BV Raju Institute of Technology (BVRIT)

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Summary

Innovative and detail-oriented B.Tech student with a strong foundation in Java, Python, and AI-based applications. Passionate about problem-solving, competitive programming, and software development. Experienced in machine learning, image recognition, and algorithm optimization. Skilled in building efficient solutions for real-world challenges and committed to continuous learning.

08/2023

Skills

Programming Languages: Java, Python
Web Development: HTML, CSS, JavaScript
Machine Learning & AI: Image Recognition, Sensor Integration
Software Development: Algorithm Optimization, Data Structures, Problem-Solving
Tools & Technologies: Visual Studio Code, Git, API Integration
Database Management: MySQL
Soft Skills: Critical Thinking, Team Collaboration, Adaptability

Projects

BVRIT
10/2024

1. Crop protection from animals

Developed an AI-powered system to detect and prevent wild animals from damaging crops.
Utilized image recognition techniques to analyze animal movement near fields.
Integrated sensors and automation for real-time alerts and preventive actions.

2. Real Estate Web Application

Designed and developed a responsive web platform for property listings and searches.
Implemented features such as property filters, user authentication, and an admin panel.
Focused on UI/UX optimization and backend functionality for seamless user experience.

3. SwachEase-Inspired Swachhata Mobile Application

Built a mobile application for reporting and tracking cleanliness issues in communities.
Integrated interactive query reporting, real-time tracking, notifications, and gamification.
Designed multi-language support and AI-powered recommendations to enhance user engagement.

Certification

- NPTEL Soft Skills Certification – 2023
- Swecha Summer Internship

Education

B.Tech in Computer Science and Data science
BVRIT Narsapur

Diploma in Computer Engineering
Government Polytechnic for Women, Jogipet – 8.5 CGPA

Secondary Education (10th Grade)
 Neo Vivekananda High School – 10 GPA