

Akshith Raj Kodam

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Objective

Computer Science graduate with expertise in Python, Web Development, and Machine Learning. Seeking an entry-level Software Engineer position to leverage problem-solving and development skills to build scalable applications.

Education

Bachelor of Technology –Malla Reddy College of Engineering and Technology (2021 – 2025)

GPA: 7.23/10

Intermediate – Vivekananda Junior College (2019 – 2021)

GPA: 85.2%

SSC – Krishnaveni High School (2018 – 2019)

GPA: 9.5/10

Skills

Programming Languages: Python, C

Web Technologies: HTML5, CSS3, JavaScript

Databases: MySQL

Software & Tools: VS Code, PyCharm, Replit, Git/GitHub

Other Skills: Machine Learning, Deep Learning, Internet Of Things

Projects

LeafDiagnose

(July 2024 – Nov 2024)

- Developed a CNN-based deep learning system with 95% accuracy for detecting plant leaf diseases.
- Processed a dataset of 10,000+ images using feature extraction techniques.
- Implemented image preprocessing (resizing, noise reduction, contrast enhancement) for better model efficiency.
- **Technologies Used:** Python, TensorFlow, NumPy, Pillow, Werkzeug

Clean Bot Pro

(Dec 2022 – Feb 2023)

- Developed an IoT-based smart vacuum cleaner with remote control via Telegram Bot.
 - Integrated obstacle detection and automated navigation using sensors and microcontroller.
 - Reduced cleaning time by 30% with optimized navigation.
 - **Technologies Used:** C++, Python, IoT Sensors
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Certifications

- Machine Learning Certification – Politecnico di Milano University
- IoT Devices with Honors – University of Illinois