

Akshith Raj Kodam

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Professional Summary

Recent B.Tech CSE (IoT) graduate skilled in Python, Java, web technologies, and MySQL. Passionate about building smart solutions using Machine Learning, REST APIs, and IoT. Strong in problem-solving, teamwork, and quick to adapt.

Skills

Programming Languages: Python, C ,Java

Web Technologies: HTML5, CSS3, JavaScript , REST APIs, React

Databases: MySQL

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

Other Skills: Machine Learning, Azure, Internet Of Things

Soft Skills: Communication, Teamwork, Problem-solving, Adaptability, Time Management

Work Experience

Machine Learning Engineer intern

Edunet foundation | Feb 2025 – Mar 2025

- Developed an AI-powered Resume Screening & Ranking System to automate candidate shortlisting.
 - Implemented TF-IDF & Cosine Similarity for ranking resumes based on job description relevance.
 - Built a Streamlit web application for real-time resume processing and ranking.
 - Integrated PyPDF2 for text extraction and scikit-learn for text analysis.
 - Successfully deployed the project on Streamlit Cloud, making it accessible for recruiters.
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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

Student Management System

(Dec 2022 – Feb 2023)

- Built a RESTful API using Java (Spring Boot) to perform CRUD operations on student records.
- Integrated MySQL/H2 database to store data and used Postman for API testing.
- Followed MVC architecture for clean code separation and added proper input validation and exception handling.
- Developed endpoints that return JSON responses, making it easy to connect with any frontend interface.

Technologies Used: Java, Spring Boot, REST APIs, MySQL, Maven, Postman.

Education

B.Tech in Computer Science and Engineering (IOT)

Malla Reddy College of Engineering and Technology, Hyderabad

2021 – 2025 | CGPA: 7.37

Intermediate

Vivekananda Junior College, Kagaznagar

2019 – 2021 | Percentage: 82.5%

SSC

Krishnaveni High School, Kagaznagar

2019 | CGPA: 9.5

Certifications

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

- Organizer, Tech Fest 2024 – Managed a 500+ participant event at Malla Reddy College, coordinating sponsors and logistics.
 - Volunteer, College Coding Club – Conducted DSA & Python workshops for juniors, helping them improve coding skills.
 - Leader of Mini Project Team – Led a team of three members in developing a software solution, managing tasks, and ensuring project completion within deadlines.
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Declaration

I hereby declare that the above information is true to the best of my knowledge