

Reddaiah Sirigireddy

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Summary

- Aspiring software engineer skilled in Python, Machine Learning, Data Science, and Web Development. Passionate about AI, backend development, and creating user-focused applications. Strong in problem-solving, teamwork, and communication, with a drive for continuous learning. Seeking opportunities to craft impactful solutions and grow in a tech-driven environment.

Skills

Python • Java • SQL • PHP • Machine learning • Data analytics • Communication Skills • Problem solving

Work Experience

Artificial Intelligence & Machine Learning Enthusiast

Jun 2024 – Jul 2024 • 1 mo

APSSDC - Edunet Foundation IBM Skill Build • Internship

India

- Completed a virtual internship focused on AI and ML under IBM's Skill Build platform. Gained hands-on experience in Python and Java programming, machine learning model development, and AI service integration using IBM tools. Developed small-scale ML models and explored real-world AI applications through guided projects. Strengthened understanding of data preprocessing, model evaluation, and ethical AI practices.

DevOps Intern

Jan 2025 – Apr 2025 • 3 mos

SaRaj Innotech Services Private Limited • Internship

Remote

Technologies: AWS

- Assisted in automating and optimizing deployment pipelines using Python and AWS services. Managed CI/CD workflows and Linux-based server environments to enhance system reliability and scalability. Collaborated with the development team to streamline application delivery and reduce downtime.

AI Data Quality Analyst Intern

Feb 2025 – May 2025 • 3 mos

AI Data Quality Analyst • Internship

Bangalore, India

Technologies: Python • SQL • Machine learning • Excel • Data Cleaning

Contributed to ensuring data quality for AI model development by performing data cleaning, labeling, and validation tasks. Utilized Python and Excel to preprocess datasets and maintain consistency. Prepared structured data workflows as part of practical machine learning training.

Projects

Automated Cricket Commentary Using Deep Learning and NLP

Dec 2024 – Apr 2025 • 4 mos

Developed an AI-powered cricket commentary system for recorded videos using VGG16 for feature extraction and RNN-LSTM for sequence generation. Generated real-time, coherent text commentary with 90% language accuracy. Created an interactive Streamlit UI to simulate live feedback, fully automating the commentary process.

Automated Microsoft Rewards Search Bot

Mar 2025 – Apr 2025 • 1 mo

Built a Python automation bot for Microsoft Rewards searches, automating 30+ daily browser tasks via Selenium. Saved over 2 hours of manual effort daily and consistently generated 500+ reward points per day. Integrated robust error handling and logging, reducing task failure rate by 60%.

Hospital Management System

3 coworkers

Designed and developed a hospital management application for managing patient data, appointments, and billing. Implemented secure database integration and a user-friendly GUI for efficient workflow. Focused on backend logic, data handling, and clean interface design using OOP principles.

Jun 2023 – Jul 2023 • 1 mo

Education

Bachelor's degree: Artificial Intelligence and Machine Learning

K.S.R.M College of Engineering

Kadapa, India

Grade/GPA: 82

- Bachelor's degree: Artificial Intelligence and Machine Learning

Nov 2021 – May 2025 • 3 yrs 6 mos

Intermediate: Mathematics, Physics, and Chemistry (MPC)

Sri Gayatri Junior College

Kadapa, India

Grade/GPA: 85

- Intermediate: Mathematics, Physics, and Chemistry (MPC)

Jun 2019 – Apr 2021 • 1 yr 10 mos

SSC: General Curriculum

Z.P.H. School, AP State Board

Kadapa, India

Grade/GPA: 90

- SSC: General Curriculum

Jun 2018 – Apr 2019 • 10 mos

Certifications & Awards

Business Intelligence - IBM	May 2024
Java Training - Besant Technologies	Jun 2024
Web Development Internship - InternPe	May 2024
Big Data Engineer - IBM	Jun 2024
Artificial Intelligence & Machine Learning - APSSDC	Jun 2024
DevOps Internship Certification - SaRaj Innotech Services	Apr 2025
AI Data Quality Analyst - Rooman Technologies	May 2025