

REDDAIAH SIRIGIREDDY

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Summary

Software developer with hands-on experience building web applications through internships and academic projects. Committed to continuous learning and contributing to innovative development initiatives.

Technical Skills

Languages: Python, Java, SQL

Data Processing: Data Cleaning, Data Validation, Data Analytics

Tools: Git, Selenium, Streamlit

Work Experience

AI Data Quality Analyst Intern — Feb 2025 – May 2025 • Bangalore, India

Rooman Technologies

Worked on cleaning and validating large datasets using Python and Excel for ML model training. Implemented automated data validation pipelines and performed SQL queries for data extraction.

DevOps Intern — Jan 2025 – Apr 2025 • Remote

SaRaj Innotech Services Private Limited

Automated deployment pipelines using Python and AWS services improving deployment efficiency. Managed CI/CD workflows and configured Linux servers with monitoring solutions.

Artificial Intelligence & Machine Learning Intern — Jun 2024 – Jul 2024 • India

APSSDC - Edunet Foundation IBM Skill Build

Completed virtual internship focused on AI/ML using Python, Java, and IBM tools. Developed machine learning models and explored ethical AI practices.

Projects

Automated Cricket Commentary Using Deep Learning and NLP — Dec 2024 – Apr 2025

Developed data pipeline for processing cricket video data and generating automated commentary using VGG16 and RNN-LSTM. Created Streamlit dashboard for real-time commentary simulation and performance metrics.

Full-Stack URL Shortener with Real-Time Analytics — Aug 2025 – Oct 2025

Engineered scalable URL shortener with real-time analytics tracking and geographic data pipeline. Built interactive analytics dashboard with data visualizations and AI-powered slug generation.

Automated Microsoft Rewards Search Bot — Mar 2025 – Apr 2025

Created Python automation bot using Selenium for daily task execution with profile switching. Implemented intelligent workflow automation with randomized query generation and error handling.

Education

Bachelor's degree: Artificial Intelligence and Machine Learning (82%) — Nov 2021 – May 2025

K.S.R.M College of Engineering, Kadapa, India

Intermediate: Mathematics, Physics, and Chemistry - MPC (85%) — Jun 2019 – Apr 2021

Sri Gayatri Junior College, Kadapa, India

SSC: General Curriculum (90%) — Jun 2018 – Apr 2019

Z.P.H. School, AP State Board, Kadapa, India

Certifications

Big Data Engineer - IBM

Business Intelligence - IBM

AI Data Quality Analyst - Rooman Technologies

DevOps Internship - SaRaj Innotech Services

Artificial Intelligence & Machine Learning - APSSDC

Java Training - Besant Technologies