

# 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

*Roaman 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 - Roaman Technologies

DevOps Internship - SaRaj Innotech Services

Artificial Intelligence & Machine Learning - APSSDC

Java Training - Besant Technologies