

Sri Rama Veeranjanyulu Mandagiri

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EDUCATION

NxtWave Disruptive Technologies
Industry Ready Certification in Full-Stack

Aug 2023 – Ongoing

Rajiv Gandhi University of Knowledge Technologies, Ongole
B.Tech in Mechanical Engineering (7.45 CGPA)

2022 – 2026

Rajiv Gandhi University of Knowledge Technologies, Kadapa
Intermediate – MPC (8.68 CGPA)

2021 – 2022

ZPHS Kattubadivari Palem, Chilakaluripeta
Secondary School Certificate (9.3 CGPA)

2019 – 2020

SKILLS

Programming: Python, SQL, C++

Generative AI: LLMs, Prompt Engineering

Frameworks & Libraries: Scikit-Learn, Pandas, NumPy

Tools: Jupyter, Google Colab, Power BI, Git, VS Code

Databases: PostgreSQL, SQLite, MongoDB

PROJECTS

MNIST Digit Recognition using KNN & GridSearchCV — [Kaggle Notebook](#) | [Colab Code](#)

Built a handwritten digit classifier using K-Nearest Neighbors and tuned hyperparameters using GridSearchCV. Prepared Kaggle-submission-ready output.

Tech Used: Python, Scikit-Learn, Pandas, NumPy, GridSearchCV

Email Spam Detection (ML) — [GitHub Repo](#)

Built a machine-learning based spam classifier with text preprocessing, TF-IDF vectorization and Naive Bayes model. Evaluated model accuracy and improved false-positive handling for more reliable email filtering.

Tech Used: Python, NLP, Scikit-Learn, Pandas

Business Data Analysis Projects — [E-Commerce Analytics](#) | [Social Media Analytics](#)

Analyzed e-commerce and social media datasets to identify performance trends, customer behavior patterns, and revenue drivers. Presented insights through visual dashboards to support data-driven decision-making.

Tech Used: Python, Pandas, Matplotlib, Seaborn, Power BI

Retail Mart Dashboard (Power BI) — [Demo Video](#)

Built an interactive dashboard covering sales growth, customer segmentation, and inventory performance. Enabled KPI tracking and actionable insights for store management and performance monitoring.

Tech Used: Power BI, DAX, Data Cleaning

ACHIEVEMENTS

Prathibha Award: Awarded the Prathibha Award for academic excellence in 10th grade, recognizing top merit among government school students.