Suriya Sureshkumar

Aspiring ML Engineer | AI Enthusiast | Python Developer | Foundational Front-End Developer | Building a future in Intelligent Systems

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Executive Summary

I'm an aspiring Machine Learning Engineer with hands-on experience in end-to-end ML pipelines, MLOps, and real-time data systems, blending Python, Java, and SQL to solve impactful problems. Passionate about building scalable AI solutions.

Education

- **RMK Engineering College, Kavaraipettai**
  B. Tech (AI – Data Science)
  07/2024 – Present | 8.22 CGPA

- **AVM Rajeswari MHSS, Chennai**
  Higher Secondary – Bio-Maths
  06/2022 - 04/2024 | 547/600 - 91%

Personal Projects

- **News Classifier and Recommendation System**
  This project contains a modular code that trains a model using pipeline and uses that model to categorize the news which is received from an API.
  - **Tech Stack:** Python, Sci-Kit learn, ZenML, PostgreSQL, API, Render
  - **Link:** News-Recommender-System

- **Student Performance Predictor**
  This project with a modular code train and save a model which is used to predict the Math Score of a student.
  - **Tech Stack:** Python, Sci-Kit learn, HTML, FastAPI
  - **Link:** Student-Performance-predictor

- **Iris Flower Classifier (Using APIs and Frontend)**
  This project contains the simplest ML model but deployed as an API and the frontend using StreamLit.
  - **Tech Stack:** Python, FastAPI, Render, StreamLit
  - **Link:** Iris-Flower-Classifier

Skills

- **Languages:** Python, SQL, Java (Intermediate), C++ (Intermediate), HTML, CSS
- **Frameworks and Tools:** ZenML, MySQL, MS-Excel, MS-Power Bi, Jupyter Notebook
- **Version Control:** Git and GitHub
- **Analystical Skills:** EDA, Statistics

Certifications and Achievements

- Skill Nation's MS Excel Course
- Skill Nation's Power BI Workshop
- Skill Nation's SQL Course
- Lean Six Sigma Yellow Belt
- NPTEL Soft Skills Certification Course

Interests and Extra Curricular

- Entrepreneurship
- Playing Badminton (State Runner-Up and ranked Top 30 in India in 2023)
- Photography and Photo Editing
- Solving Sudoku puzzles
- Trading and Investment Analysis