Sai Ganesh Avasarala

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Career Objective

Motivated Computer Science graduate with hands-on experience in full-stack web development and machine learning projects. Seeking a software development role to contribute technical skills and passion for clean, scalable code.

Education

Aditya University, Master of Computer Applications   2024 – 2026

- GPA: 9.20
- **Coursework:** Computer Networks, Software Project and Testing Management, Java, Python, NoSQL databases, Machine Learning

                                                                                                                                             2021 – 2024

VSM COLLEGE (AUTONOMOUS), B.Sc - Data Science, Statistics, Computer Science

- GPA: 8.96
- **Coursework:** R programming, Python, C, Data structures

Experience

Full Stack Intern, Edunet Foundation in Collaboration with EYGDS and AICTE   10 March 2025 – 18 April 2025

- Contributed to a full-stack MERN web application, handling both frontend UI design using React and backend logic with Node.js.
- Integrated MongoDB for data storage and managed RESTful API endpoints for smooth data flow.
- Presented the final project to industry professionals and received positive feedback for functionality and code quality.

Skills

Languages: Python, Java, JavaScript

Web Technologies: HTML, CSS, React.js, Node.js, Express.js

Databases: MongoDB

Tools: VsCode, Postman

Projects

Spam eMail Classification   github.com

- Developed a real-time email spam detection system using machine learning
- Implemented an LSTM model via Jupyter Notebook (`LSTM.ipynb`) to classify emails as spam or non-spam, leveraging sequential patterns in textual data
- Built a web application (`app.py`) to enable live testing: loaded serialized model (`spam.pkl`) and vectorizer (`vectorizer.pkl`) and processed sample emails (`testing spam mail.txt` / `testing non spam mail.txt`) for classification
- Preprocessed and vectorized dataset (`spam.csv`) to train and evaluate model performance before deployment
- **Technologies Used:** Python, TensorFlow/Keras, NLP, Scikit-learn, Flask