

Enthusiastic Machine Learning Student

Motivated and analytical AI & ML student with strong problem-solving skills and a passion for data-driven insights. Proficient in predictive modeling, data analysis, and Google Cloud technologies. Adept at software development, with a proactive approach and excellent time management. Seeking an internship to apply my skills in an innovative environment.

Education

BMS College of Engineering | Bengaluru, Karnataka

Bachelor of Engineering in Artificial Intelligence & Machine Learning | 2023 - Present

- 2023-2024 (Year 1): **9.3 CGPA (Top 5%)**
-

Projects

Diabetes Prediction Web App

- Engineered a Flask-based diabetes prediction web application utilizing Logistic Regression achieving 91% accuracy in identifying potential cases from patient data, and integrated secure authentication protocols..
- Integrated real-time predictions, **secure authentication**, and **AWS hosting** for scalability.
- Engineered a novel feature selection algorithm for the Logistic Regression model, improving the model's accuracy by 7% based on user feedback and decreasing false positives in predictions.

Multi-Agent Data Analysis System

- Architected modular agents using GPT-4, Pandas, and Scikit-learn for automated data processing, achieving a 95% accuracy rate in query triage and data cleaning tasks for the team.
- Engineered a modular multi-agent system using GPT-4 and scikit-learn that automated data processing workflows, reducing manual data handling time by 60 hours weekly and improved data accuracy.

Rubik's Cube Scramble Generator

- Developed a Rubik's Cube practice module presenting random 20-move sequences; increased personal solving speed by 15% within two months, enabling faster algorithm execution and muscle memory development, and making solving more efficient.
 - Designed a **simple and user-friendly interface** for beginners and speedcubers.
-

Skills

- **Programming:** Python, SQL, C, C++, Java, HTML, CSS, JavaScript
 - **Technologies & Tools:** OpenAI API, Google Cloud, Flask, Scikit-learn, Pandas
 - **Software Development:** Data Structures, Data Analysis, Predictive Modeling
-

Certifications

- [Google Cloud Skill Badge - Machine Learning on Google Cloud](#)
- [Google Cloud Skill Badge - Data Engineering](#)

