SAI KUMAR GADDAM

saikumar.gsk245@gmail.com | 6305530714 | Hyderabad
Linkedin | GitHub | LeetCode

EDUCATION

University College of Science, Saifabad <div align="right">Hyderabad</div>
Degree in Master of Computer Applications (MCA) <div align="right">2022-10-31 - 2024-11-04</div>

EXPERIENCE

Agratas Academy | Web Development Intern Hyderabad | 2024-03-02 - 2024-05-04

Worked on the Smart Home Automation Hub project, gaining experience in creating and managing web-based home automation solutions. Implemented foundational concepts in HTML, CSS, and JavaScript to build responsive components. Enhanced data visualization and interactivity using JavaScript, contributing to the efficiency and user engagement of the application.

Electronic Arts (EA) | Software Engineering Virtual Job Simulation Forage | 2025-March - _

Completed hands-on tasks demonstrating software engineering principles: Wrote a Feature Proposal for a game development project. Created a Game Object Class to implement interactive elements. Improved the Inventory System for better resource management. Debugged and fixed live issues to enhance gameplay stability.

Amazon Web Services (AWS) | Solutions Architecture Virtual Job Simulation Forage | 2025-Febraury - _

Completed hands-on tasks in designing a simple, scalable hosting architecture. Learned cloud architecture principles for scalable and cost-efficient solutions. Gained insights into AWS best practices for high availability and reliability.

SKILLS

Programming Languages:	Python, Java, HTML, CSS, JavaScript
Libraries/Frameworks:	Machine Learning, Data Analysis, Web Development, Django
Tools / Platforms:	MS Excel, MS PowerPoint, MS Word, VS Code, Git
Databases:	SQL, MySql

PROJECTS / OPEN-SOURCE

Prediction of Flight Delay Analysis | Link *Python, SQL, Data Analysis, Machine Learning, Pandas, NumPy*

Developed a machine learning model with high accuracy to predict flight delays, improving operational efficiency and customer satisfaction in the airline industry. Utilized Python and SQL to analyze and process large datasets, identifying factors contributing to delays.

Book Recommendation System | Link *Python, Machine Learning, Scikit-Learn*

Created a personalized book recommendation system that suggests books based on user preferences and reading history. Leveraged Python and machine learning algorithms to provide accurate, tailored recommendations, enhancing user engagement and satisfaction.

CERTIFICATIONS

- Web Development - Agratas Academy.
- Python and Django Framework - Udemy.
- Java Certification - HackerRank.
- Python programmimg - HackerRank.
- Structured Query Language - HackerRank.