

# SAI KUMAR GADDAM

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[Linkedin](#) | [GitHub](#) | [LeetCode](#) | [Portfolio](#)

## EDUCATION

**University College of Science, Saifabad**  
Degree in Master of Computer Applications (MCA)

Hyderabad  
2022-10-31 - 2024-11-04

## 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.

## SKILLS

Programming Languages: Python, Java, HTML, CSS, JavaScript  
Libraries/Frameworks: Manual Testing, Django  
Tools / Platforms: Jira, Git, VS code  
Databases: SQL, MySql

## PROJECTS / OPEN-SOURCE

**E-commerce Website Testing** *SQL, Jira*

Designed test cases,executed functional,regression ,and usability testing for an e-commerce platform. Identified and reported bugs and defects using JIRA and prepared detailed test reports. Performed database testing using SQL queries to validate backend data integrity.

**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 programming - HackerRank.
- Structured Query Language - HackerRank.