SAI KRISHNA

OBJECTIVE

Motivated and detail-oriented Python developer with a solid foundation in Mathematics, Statistics, and Computer Science. Experienced in developing full-stack web applications using Django and Flask, building RESTful APIs, and implementing automation scripts. Demonstrated ability to lead teams, collaborate effectively, and deliver scalable solutions. Eager to contribute to innovative projects and grow within a dynamic development environment..

SKILLS

Technical Skills:
- Programming: Python
- Data Analysis: pandas, NumPy, Matplotlib, scikit-learn)
- Web Development : Django
- Databases: SQL, MySQL, Query Optimisation
- Cloud & DevOps (Basic): Docker
- Testing & Debugging: Unit Testing (Pytest)
- Version Control: Git, GitHub
- Productivity Tools: Microsoft Excel, PowerPoint, Word

Soft Skills:
- Analytical Thinking
- Leadership & Team Collaboration,
- Problem-Solving & Critical Thinking,
- Communication & Adaptability,
- Attention to Detail & Innovation

PROJECTS

Online Examination Full-Stack MCQ Examination System
- Tech Stack: Python, Django, JavaScript, SQL
- Developed a secure, real-time MCQ test platform with automated grading and authentication.
- Optimized database performance, reducing query execution time by 30%.
- Implemented error handling and debugging mechanisms to enhance reliability.

Secret Message Encry Implemented ption and Decryption (Base64)
- Created a Python-based encryption and decryption tool using Base64 encoding.
- a GUI using Tkinter to enhance user interaction.
- Developed an interactive GUI using Tkinter to enhance user experience.
- Implemented input validation to ensure data integrity.

WORK EXPERIENCE

Python Full Stack Developer Internship Trainee & Team Lead
Datavalley.ai | Vijayawada India | 07/2024 – 12/2024

- Led a team of five developers to build an interactive online quiz platform using Python, Django, and SQLite.
- Developed REST APIs for managing quiz sessions, ensuring efficient data handling and security.
- Conducted basic manual testing to verify application functionality and user experience improvements.
- Collaborated with teammates to debug and resolve issues, ensuring a seamless user experience.

CONTACT

Nandhamuri Nagar,GCR Colony
Vijayawada, Andhra Pradesh India
520010
msaikrishna1073@gmail.com

 LinkedIn | GitHub

EDUCATION

Bachelor of Science Maths Statistics and Computer Science
Parvathaneni Brahmayya Siddhartha College |
Vijayawada , Andhra Pradesh India
2022 - 2025
Grade:75%

Sri Medha Junior College | Vijayawada , Andhra Pradesh India
2019 - 2021
Grade:94.3%

Abhyudaya High School | Vizianagaram , Andhra Pradesh India
2018 – 2019
 GPA: 10/10

CERTIFICATIONS

- Machine Learning with Python: NumPy, SciPy, Matplotlib | Udemy | May 2024
- Python Data Analysis | LinkedIn Learning | December 2024 |
- Git, GitHub, GitLab Fundamentals | Udemy |November 2024
- The Ultimate SQL Bootcamp – Udemy | January 2025
- English Certificate (C1 Advanced)– CEFR   Level: C1 | April 2025
- Communication and Leadership | LinkedIn Learning | November 2024

ACTIVITIES

- Participated in the National Service Scheme (NSS)
- Achieved 1st place in Poetry at a literary event
- Secured 2nd place in Elocution at a literary event
- Served as Special Officer on Election Day, assisting with crowd management and Public service.
- Interests include singing, poetry, listening to music, reading non-fiction books, and Essay writing.