SAI KRISHNA

OBJECTIVE

Motivated Software Engineer with a strong foundation in Mathematics, Statistics, and Computer Science. Currently working at Cognizant as an Analyst Trainee and previously led a 5-member team at Datavalley to build full-stack applications. Skilled in Python, SQL, and web development with experience in debugging, testing, and automation. Eager to grow as a developer and contribute to impactful projects through Google's Software Engineering Apprenticeship.

SKILLS

Technical Skills:
- **Languages:** Python, SQL, Javascript
- **Frameworks:** Django, Node.js
- **Data Analysis:** pandas, NumPy, Matplotlib, scikit-learn
- **Databases:** MySQL, Query Optimization
- **DevOps & Tools:** Docker (Basics), Git, GitHub.
- **Other Tools:** Jupyter Notebook, Microsoft Excel, PowerPoint

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

CONTACT

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LinkedIn

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

PROJECTS

1. Online Examination System. | LINK

Tech Stack: Python, Django, JavaScript, SQL |

- Developed a real-time MCQ examination system with secure login and automated grading.
- Enhanced database performance by 30% through query optimization and implemented robust error handling.

2. Secret Message Encryption & Decryption Tool | LINK

Tech Stack: Python, Tkinter

- Created a GUI-based encryption tool using Base64; ensured data integrity with validation and intuitive interface.

3. Data Analysis and Insights Project | LINK

Tech Stack: Python, Pandas, NumPy

- Conducted data preprocessing, exploratory data analysis & insights generation

4. Book Review API | LINK

Tech Stack: JavaScript, Node.js, Express.js, MongoDB

Built a RESTful API that allows users to add, update, delete, and retrieve book reviews.

Integrated Mongoose for MongoDB operations, and implemented JWT-based user authentication.

Structured the backend with route controllers and middleware for clean, modular code.

WORK EXPERIENCE

Analyst Trainee | Cognizant
| Hyderabad India | 07/2024 – Present

- Supporting client projects by analyzing data, preparing reports, and assisting in software solutions.

- Gained hands-on experience in Python, SQL, and automation testing within live project environments.

- Collaborating with senior team members to debug issues, perform quality checks, and deliver on project requirements.

- Contributing to documentation and knowledge-sharing activities.

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

- Led a 5-member engineering team to build a quiz- platform using Django and SQLite
- Developed RESTful APIs for quiz management and secure data access.
- Conducted unit testing and debugging to ensure smooth functionality.
- Collaborated cross-functionally to plan deployment strategy and all documentation improving operational transparency.
- Applied version control best practices using Git for collaborative development and efficient code management.

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.