

PARTHA SARATHY R

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OBJECTIVE

Results-oriented Python Developer with hands-on expertise in end-to-end software development, data collection from multiple cloud platforms, and designing scalable systems for cost optimization and data observability. Proficient in Flask, database management, and creating interactive frontends, seeking to contribute to innovative projects in a dynamic environment while staying at the forefront of emerging technologies.

SKILLS

- **Programming :** Python, Flask, Docker, MySQL, Power BI, C, Java, Database Management, Microsoft Excel
- **Cloud Expertise:** AWS, GCP, Azure
- **Soft Skills :** Flexibility, Time Management, Communication

EXPERIENCE

- Purple Data Technologies

Python Developer

Jan 2024 – Present

Bangalore, Karnataka

- Spearhead the complete Flask application lifecycle, from API development to deployment.
- Design and implement backend workflows for data collection, focusing on inventory and cost data from multiple cloud platforms (AWS, GCP, Azure).
- Create robust APIs to format, process, and serve cloud data, enabling efficient data visualization and observability for users.
- Develop dynamic front-end interfaces integrated with Flask, ensuring seamless user experience.
- Build database tables and structure to support scalable data storage and retrieval systems.
- Provide actionable insights and recommendations for cost optimization, governance, and security through visual dashboards.
- Proficiently manage deployments, ensuring high availability and performance of Flask applications.
- Developed a comprehensive solution for workflow automation, offering recommendations for cost savings, governance, and security-related automation.
- Utilized Flask, Python, MySQL, AWS, GCP, and Azure to create an integrated system.
- Designed end-to-end workflows, ensuring a seamless user experience and operational efficiency

- Prominence - uPVC Windows and Doors

Production Planning Intern

Apr 2023 – Aug 2023

Coimbatore, Tamil Nadu

- Led production planning strategies to optimize manufacturing processes and improve efficiency.
- Formulated and executed dispatch schedules for warehouses, ensuring timely deliveries and streamlined inventory management.

PROJECTS

- Chatbot Development with Speech Recognition

- Built a chatbot named Jarvis with speech recognition and synthesis functionalities using Python.
- Integrated dynamic learning capabilities, allowing users to provide new information for unanswered queries.

- Smart Dustbin Monitoring System

- Designed an IoT-based Smart Dustbin system to monitor waste levels and notify users via GSM technology.

CERTIFICATIONS

- Data Science Course – Besant Technologies(Aug 2023 – Jan 2024)
- Microsoft Python Certification
- VI Solutions, Bangalore (2021)
- Crown Web Academy (2021)

EDUCATION

- **Sri Krishna College of Engineering and Technology** *Aug 2019 – Apr 2023*
B.E (EEE)
 - CGPA:8.02
- **Tagore Matriculation and Higher Secondary School** *Jun 2017 – Apr 2019*
Higher Secondary
 - Grade: 70.6%
- **St. Antony Matriculation School** *Jun 2016 – Apr 2017*
Secondary Education
 - GPA: 79.8%

ACHIEVEMENTS

- Indian Talent Class Topper (2015–2016)