ABHISHEKVARMA G V S

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SKILLS

Programming Languages	Python(Certified), R, Java, SQL, NoSQL, C, C++, HTML, CSS.
Certifications	Azure Developer, Administrator, Security Analyst, AWS Solutions Architect.
Tools	Git, GitHub, Linux, Excel, Visual Studio Code, Docker.MongoDB.
Platforms	Azure, AWS, GCP, OCI, Fabric, Cloud9.

EXPERIENCE

Microsoft Learn Student Ambassador — July 2022 - Now
Microsoft — *Virtual*

- Discovered 30+ issues in Microsoft products, improving the user experience for millions of customers.
- Authored and enhanced the Azure documentation, improving its user-friendliness and informativeness.
- Trained 50+ students on Microsoft Technologies, helping them to develop their skills.

Web Developer Intern — Jan 2022 - Mar 2022
THE SPARKS FOUNDATION — *Virtual*

- Deployed a scalable and interactive website for a banking demo using Microsoft Azure, resulting in a 2X improvement in server response time and an increase in user engagement.

EDUCATION

B.Tech in Computer Science, Maharaj Vijayaram Gajapathi Raj College of Engineering — Jan,2021 - Jun,2024
Relevant Coursework: Database Management System ,Object-Oriented Programming, Software Development, Computer Networks, Operating Systems, Data Structures and Algorithms, Design and Analysis of Algorithms, Mathematics for Computer Science.

PROJECTS

Cloud GeoLocator.

- Created using APIs and Python that can handle over 1 million requests per second in realtime.
- Incorporated country identification to improve data analysis and deliver valuable insights. (Github)

CloudSec HierarchSSL

- Leveraged Python for secure IAM-based authentication, reinforcing data protection and privacy.
- Granted access to specific users based on their SSL certificates. . (Github)

EXTRA ACTIVITIES

- Published 2+ research papers in cloud computing, data science, and cybersecurity (ORCID).
- Developed and deployed a demand prediction model for Microsoft using XGBoost on Azure, served using Flask (Python), and evaluated using the OpenAI API.
- Received hands-on training from Amazon ML School (2023) in supervised learning, deep neural networks, dimensionality reduction, unsupervised learning, probabilistic graphical models, sequential learning, causal inference, and reinforcement learning.
- Led a team of 5 Members in the development of a new product, which was launched on time and within Constraints. The product was well-received by Stakeholders.