ABHISHEKVARMA G V S

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TECHNICAL 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.
Data Analysis	Numpy, Pandas, Matplotlib, Pyspark.

EXPERIENCE/VOLUNTEERING

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.
- Certified cloud trainer from Microsoft.

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 4X 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.

- Engineered a high-performance GeoLocator using APIs and Python, capable of handling over 10,000+ requests per second in real-time on cloud.

- Integrated advanced country identification algorithms to deliver valuable insights, enhancing data analysis capabilities for diverse applications. (Github)

CloudSec HierarchSSL

- A robust security solution leveraging Python, to fortify data protection and privacy with IAM-based authentication..

- Implemented innovative access control mechanisms, granting secure access to designated users based on SSL certificates, bolstering data security in cloud environments. (Github)

Analyzing Movie Royalties

- a sophisticated Python script for analyzing movie royalties, harnessing the power of pandas, numpy, and matplotlib to streamline royalty determination and visualization processes.

- Implemented cutting-edge quantile analysis techniques for runtime and vote thresholds, revolutionizing decision-making in royalty allocation for film projects, and maximizing revenue potential. (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.

- Solved 200+ problems on Leetcode, Codechef and Hackerrank.