G V S ABHISHEK VARMA

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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.
Courses	Akamai Network Engineer / Support, Google IT Support, Google Data Analytics.
Training	Amazon ML School 2023, Microsoft Project Contributor.

EXPERIENCE/VOLUNTEERING

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

- Discovered and reported 30+ bugs in Microsoft products, enhancing user experience for millions of customers.
- Authored and improved the Microsoft Learn documentation, making it more user-friendly and informative.
- Certified Microsoft trainer, educating over 100 individuals on Microsoft technologies.

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

- Using AWS, Azure, Built a scalable and interactive website for a banking demo, which resulted in a 4X improvement in server response time and increased user engagement.

EDUCATION

B.Tech in Computer Science, Maharaj Vijayaram Gajapathi Raj College of Engineering(A) Jan,2021 - May,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, Cisco Certified Network Associate, Cisco CyberOps Associate.

PROJECTS

Cloud GeoLocator.

• Developed Cloud GeoLocator using APIs and Python, capable of handling over 10,000 requests per second, resulting in improved real-time data analysis.

• Enhanced data analysis with identification techniques for significant insights across multiple applications.(Github)

CloudSec HierarchSSL

• This security solution utilizes Python and SSL to improve data safety and security with IAM-based authentication.

• Implemented CloudSec HierarchSSL, enhancing data security in the cloud/applications through novel access control systems.(Github)

Analyzing Movie Royalties

• A sophisticated Python script for evaluating movie royalties that uses pandas, numpy, and matplotlib to streamline royalty calculations and Visualizations.

• Developed modern quantile analysis algorithms for runtime and votes, ads, IMDB rating, redefining royalty allocation decisions for film projects and improving revenue potential. (Github)

EXTRA ACTIVITIES

- Published 2+ research papers in cloud computing, data science, and cybersecurity, contributing to the academic community's understanding of emerging technologies. (Google Scholar).

- Developed and deployed a demand prediction model for insurance companies using XGBoost on Azure, served using Flask (Python), and evaluated using the OpenAI API.

- Trained by Amazon ML School (2023) after an exam on supervised learning, deep neural networks, dimensionality reduction, unsupervised learning, probabilistic graphical models, sequential learning, causal inference, and reinforcement learning.

- Led a team of five individuals in developing a new product, resulting in positive feedback from stakeholders.

- Solved 300+ problems on Leetcode, Codechef and Hackerrank.