G V S ABHISHEK VARMA

+919515970836 ⋄ INDIA.

abhishekvarma.gvs@outlook.com ⋄ linkedin.com/in/varma59 ⋄ github.com/varma59

TECHNICAL SKILLS

Certifications	**A**WS Certified Solutions Architect, Azure Certified Developer, Azure Security Analyst
Programming Languages	Python(Certified), R, Java, SQL, No SQL, HTML, CSS.
Tools	Git, GitHubs, Wireshark, Docker, MongoDB.
Platforms	Amazon Web Services(AWS), Microsoft Azure and Fabric, GCP.
Courses	Akamai Network Engineer / Support, Google IT Support, Google Data Analytics.
Company Training	Amazon ML School 2023, Microsoft Certified Project Contributor / Azure Admin.
Cloud Services	S3, EC2, IAM, CloudFront, Route53, Lambda, ELB, EBS, Gateway, RDS
Other	Linux/Unix System(Ubuntu, Kali, Redhat), Networking (TCP/IP, DNS)

EXPERIENCE/VOLUNTEERING

Microsoft Learn Student Ambassador   Volunteering
Microsoft   *Virtual*

- Identified and resolved 30+ technical issues in Microsoft products, improving cloud service efficiency for users.

- Authored and revised documentation, improving clarity and usability, contributing to a 15

- Certified Microsoft trainer, delivering workshops on Azure, Git, and Security to over 1000+ participants.

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

- Built a scalable and interactive website for a banking demo using AWS and Azure, resulting in a 4X improvement in server response time by using S3 bucket and CDN (Content Delivery Network).

- Gained experience in systems administration, automation, and cloud infrastructure.

EDUCATION

B.Tech in Computer Science, Maharaj Vijayaram Gajapathi Raj College of Engineering(A) Sep,2020 - May,2024
Relevant Coursework: Database Management Systems, Object Oriented Programming, Software Development, Design and Analysis of Algorithms, Computer Networks, Operating Systems, Data Structures and Algorithms, Mathematics for Computer Science, Switching and Routing, Cloud computing, Big Data Analysis, Troubleshooting and Support.
Additional Course Work: Cisco Certified Network Associate, Cisco CyberOps Associate, AWS Academy's Data Engineering and Machine Learning Foundations, AWS Cloud Architecting, GitHub, Postman API, Linux(Ubuntu/Kali).

PROJECTS

Cloud GeoLocator.

● Built a high-traffic API handling 10,000+ requests per second using Cloud Computing and improved real-time data analysis. Using S3, Azure file Storage, Python, AWS Lambda, Azure Function App.

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

● Paper published in Springer Nature.(Springer)

CloudSec HierarchSSL

● Utilized 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

• Developed a novel approach for evaluating movie royalties using pandas, numpy, and matplotlib to streamline royalty calculations and visualizations by AWS SageMaker and Azure ML Studio.

• Created 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

- Startup Founder: Data Science & Cyber Security based which is an member of Microsoft for Startups, I lead the development and implementation of innovative solutions in data science and cybersecurity. By collaborating with industry experts and leveraging Microsoft resources, I drive startup growth and innovation.

- Published Research Papers: Published novel research papers in cloud computing, data science, and cybersecurity, contributing to the community's knowledge on emerging technologies and methods. (Google Scholar).

- Demand Prediction Model: Developed and deployed a demand prediction model for insurance companies using XGBoost on Azure, served using Flask (Python), and evaluated using the OpenAI API for personalized query responses.

- Amazon ML School (2023): Trained in supervised learning, deep neural networks, dimensionality reduction, unsupervised learning, probabilistic graphical models, sequential learning, causal inference, and reinforcement learning.

- Soft Skills: Problem-Solving, Communication, Time Management, Customer Focus, Team Leadership.

- Problem Solving and DSA: Solved problems on Leetcode, Codechef and Hackerrank.