BHARATH KUMAR R

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SUMMARY

I am an M.Tech graduate from VIT College, with a strong academic foundation in engineering and a keen interest in cloud computing. I have developed a solid understanding of AWS services and their applications in optimizing and securing cloud infrastructure. Known for my analytical thinking, problem-solving skills, and disciplined work ethic, I am eager to contribute to cloud support initiatives. I am committed to continuous learning and ready to apply my technical knowledge to enhance cloud operations, support digital transformation, and ensure reliable and secure cloud environments.

EDUCATION

Vellore Institute of Technology **Chennai, India**

Integrated MTECH in Software Engineering (CGPA 7.38) **Graduation Year: 2024**

Relevant Coursework from University:

- Object-Oriented Programming, Data Structure and algorithms, Operating System, DBMS, Computer Networks, Discrete Mathematics, Machine Learning

SKILLS SUMMARY

Technical Skills

- Basic understanding of cloud computing architecture and core AWS services such as EC2, S3, RDS, and VPC
- Familiar with navigating the AWS Management Console, managing resources, and performing basic support tasks
- Quick learner with a disciplined approach to understanding cloud infrastructure workflows and automation processes
- Knowledge of cloud security practices, cost optimization, and how AWS services integrate to support scalable applications

Interpersonal Skills

- Soft Skills: Rapport Building, Adaptability, Teamwork, Problem Solving, Leadership, Time Management

EXPERIENCED IN PROJECTS UNDERTAKEN

Mitgating Synthetic Deception (Python, MI)

- Implemented a solution using CNN and YOLO algorithms to detect and mitigate synthetic deception in textual and visual data.

Deep Fake Audio Detection (Python, MI)

- Developed a model for detecting deep fake audio using XGBoost as the primary algorithm, supplemented by K-Nearest Neighbors (KNN) and Random Forest classifiers for enhanced accuracy.

Spy Bot IOT Based System (SQL,esp32cam, Cloud)

- Designed and deployed a Spybot IoT solution using the ESP32-CAM board and Arduino framework to create a web server for real-time surveillance and monitoring. Enhanced system capabilities and remote access features for improved security management

CERTIFICATIONS

Python for Data Science, AI & Development

- Mastered Python for data analysis, machine learning, and application development, enabling the integration of intelligent solutions.

Microsoft Azure (AZ-900)

- Gained foundational knowledge of cloud concepts, core Azure services, security, privacy, compliance, and trust.

Site Reliability Engineering

- Developed skills in maintaining high reliability and availability of software systems through automation and monitoring practices.

DECLARATION

I hereby declare that the above-furnished details are true and correct to the best of my knowledge and belief.

Date: 01-08-2025 Place: Chennai