ADITYA HEDE

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Summary

Motivated IT professional with hands-on experience in application support, network troubleshooting, and automation. Skilled in driving growth and continuous improvement in fast-paced environments. Familiar with platforms like Facebook and Instagram, with a strong focus on solving problems, ensuring system status reliability, and contributing to sales-aligned infrastructure strategies. Brings strong communication skills, leadership potential, and attention to detail to cross-functional teams.

Education

- **Masters in Information Technology** *Expected May 2025*
  Arizona State University, Tempe, Arizona (GPA: 3.78/4.0)
- **Bachelors in Computer Science Engineering** *July 2021*
  Vidya Jyothi Institute of Technology, Hyderabad, India (GPA: 3.33/4.0)

Skills

- **Operating Systems & Networking:** Linux, Windows, DNS, VPN, IPsec, Load Balancing, Firewalls, Security Groups

- **Cloud & Virtualization:** AWS (EC2, S3, IAM, Lambda, CloudFormation), Docker, Kubernetes, Terraform, IaaS cloud infrastructure development and containerization, Azure.
- **Scripting & Automation:** Bash, Python, PowerShell-used to implement automation aligned with industry best practices, CI/CD Pipelines, basic and advanced automation tools.
- **Programming & Development:** JavaScript – used in cloud-native and AI-integrated application development, Java, C.
- **Monitoring & Security:** CloudWatch, Identity & Access Management
- **Soft Skills:** Customer Support, Problem-Solving, Incident Response, Documentation, Technical Communication, Strategic Thinking, Regulatory Awareness, Compliance, Cross-Functional Collaboration, Leadership, Communication Skills, Attention to Detail, Analytical and Problem Solving.

Work History

Assistant System Engineer

TCS, Hyderabad, India *December 2021 – April 2023*

- Collaborated with teams using strong communication to improve stability and processes.
- Supported deployments and updates with Shell Script automation solutions.
- Learning AWS (Security Center, VMs, automation).
- Documented technical procedures and resolutions, improving knowledge sharing across teams.
- Demonstrated leadership in daily operations while supporting enterprise-level software integrations.

Academic Projects

Arizona State University Tempe, Arizona

- **Cloud-Based Employee Directory Web Application** (AWS, Python, JavaScript)
- Designed and deployed a multi-AZ web application on AWS with a secure VPC architecture. Configured EC2 instances, IAM policies, and custom Network ACLs for enhanced security. Focused on clean design, integration across services, and application reliability.
- **Employee Management System Dashboard (Tableau, Python, Machine Learning):** Designed a **data visualization dashboard** with predictive analytics for workforce optimization. Integrated **classification models** to provide **real-time insights** into employee performance trends using enterprise-level data analysis.

Certifications

- AWS Certified Cloud Practitioner
- Python Certification – Coursera
- TCP/IP Protocols Certification – Coursera
- AWS Solutions Architect Associate – In Progress