M Srinivas Reddy

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PROFESSIONAL SUMMARY

AWS Certified Cloud Practitioner and Network Engineer with hands-on experience architecting secure cloud infrastructure. Proficient in EC2, S3, IAM, and RDS, with a proven ability to deploy production-grade web applications. Technical specialist focused on reducing operational overhead through cloud automation and delivering scalable, secure Linux-based solutions for high-availability environments.

TECHNICAL SKILLS

Cloud Architecture: AWS (EC2, S3, RDS, IAM, VPC, CloudWatch, Cost Management)
Network Engineering: TCP/IP, DNS, Firewalls (Security Groups), Subnets, Backup & Recovery
Systems Administration: Linux (Ubuntu Administration), Windows Server, Shell Scripting (Bash), CLI
DevOps & Monitoring: Splunk (Log Analysis), CI/CD Fundamentals, CloudTrail, Resource Monitoring
Data & Programming: Python, MySQL, Amazon RDS, Git/GitHub, Database Normalization
Core Competencies: Technical Troubleshooting, SLA Compliance, Documentation, Shift Flexibility (NAM)

CERTIFICATIONS

AWS Certified Cloud Practitioner | *Amazon Web Services*	2026
Introduction to Cybersecurity | *Cisco*	2023
Networking Basics | *NASSCOM / EdCreate Foundation*	2025
AWS re/Start Graduate | *Amazon Web Services*	2026

INTERNSHIP

Cloud Engineer Intern — October 2025 – December 2025
Medini Technologies — *Bengaluru, Karnataka*

- Orchestrated 3+ real-time web applications on AWS using EC2, S3, and RDS, reducing manual provisioning time by 25%.
- Spearheaded a live AWS practice platform with automated scoring to support 50+ students in exam preparation.
- Fortified cloud security by configuring IAM roles and least-privilege policies, eliminating unauthorized access risks.
- Engineered automated infrastructure workflows that streamlined the transition from development to production.

PROJECTS

AWS Cloud Practitioner Exam Portal \| *AWS EC2, VPC, IAM, PHP, MySQL* — 2026

- **Live Application:** https://awsexam.us.cc – Architected a full-stack platform maintaining a 99% uptime record.
- Provisioned Amazon EC2 (Ubuntu) instances utilizing the LAMP stack to handle user sessions effectively.
- Facilitated Elastic IP and custom DNS resolution to ensure seamless public accessibility.
- Designed a multi-tier VPC architecture with private subnets and security groups, enhancing data isolation.
- Leveraged AWS Cost Management to optimize resource allocation, maintaining project budget within established limits.

School Database Management System \| *HTML, CSS, PHP, MySQL* — 2025

- Developed a multi-role system managing 500+ records for admins and students with secure authentication.
- Executed CRUD operations for student records, attendance tracking, and assignment management to improve efficiency.
- Optimized MySQL schema through relational indexing, resulting in a 15% improvement in query response times.
- Integrated automated PHP-based notifications to improve communication efficiency between faculty and students.

EDUCATION

Rao Bahadur Y Mahabalaswarappa Engineering College — December 2021 – June 2025
Bachelor of Engineering – Computer Science and Engineering — *Bengaluru, Karnataka*