

# SAMEERA MASOOD

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## **PROFESSIONAL SUMMARY**

**Emerging Cloud & Cybersecurity professional** specializing in enterprise architecture, infrastructure optimization, and cost-efficient design. Adept at analyzing technology gaps to enhance scalability and performance. A collaborative communicator experienced in translating requirements into seamless project execution across cross-functional teams.

## **EDUCATION**

**Bachelor of Science in Cybersecurity** – Miami Dade College (Expected July 2026)

**Associate of Science in Networking Services Technology / Enterprise Cloud Computing** –

Miami Dade College (May 2024)

**GPA:** 3.85/4.0 | Dean's List (2022, 2023) | Phi Theta Kappa | NSLS

**Award: Winner** – AWS Fintech Business Case Study (Defince – Blockchain + ML for Fraud Prevention)

## **CORE COMPETENCIES**

**Cloud Platforms:** AWS, Azure

**Architecture & Delivery:** Solution Design, Requirements Analysis, Infrastructure Planning, Cost Optimization, Well-Architected Framework

**Project Leadership:** Cross-Functional Coordination, Estimation, Risk Management, Scope & Resource Management, Documentation, Technical Communication

**Soft Skills:** Communication, Collaboration, Critical Thinking

## **EXPERIENCE**

### **Cloud Engineer Intern (July 2024 – October 2024)**

- Supported architecture and design activities for cloud-based workloads, contributing to efficient and cost-effective T&D; project solutions.
- Conducted well-architected reviews to identify and resolve high-risk issues across cost, security, performance, operational excellence, and sustainability pillars.
- Collaborated with architects, designers, and engineering teams to assess current technologies and recommend enhancements.
- Assisted in planning and documenting technical requirements, specifications, and proposed updates for enterprise cloud improvements.
- Coordinated with Tech & Digital teams to ensure necessary hardware and cloud resources were available.
- Supported estimation and risk evaluation, ensuring alignment with timelines and project constraints.

## **PROJECTS**

### **AWS Cloud Resume Challenge**

- Built and deployed a serverless personal website using Amazon Route 53, CloudFront, Lambda, API Gateway, and DynamoDB.
- Configured CI/CD automation with GitHub Actions to deploy frontend and backend artifacts to S3.

## **CERTIFICATIONS**

- AWS Certified Cloud Practitioner
- AWS Certified Solutions Architect – Associate
- Microsoft Certified: Azure Fundamentals
- Enterprise Cloud Computing Certificate
- CompTIA Security+
- CompTIA Network+ (In Progress)

## **ADDITIONAL SKILLS**

Architecture Documentation, Cloud Security Principles, Technology Optimization, Requirements Gathering, Agile & DevOps Collaboration