YASHAN L. RILEY
CLOUD INFRASTRUCTURE ARCHITECT

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OBJECTIVE

Experienced Cloud Infrastructure Architect/Engineer adept at designing and implementing resilient, scalable cloud solutions. Proficient in optimizing performance and integrating cutting-edge technologies. Skilled collaborator, delivering inventive and budget-conscious solutions aligned with business objectives. Proven success in leading complex projects, managing resources, and enhancing operational efficiency in enterprise technology initiatives.

CAREER HIGHLIGHTS

- Designed, configured, and deployed the underlying cloud infrastructure on which Comcast Business operate.
- Lead a team of developers and engineers who created the IT infrastructure for a non-profit organization (dvsafe.org)
- Integrated over 64 physical sites into a central enterprise networking environment after a merger and acquisition.
- Designed and implemented a self-service portal of common troubleshooting tasks following a shift-left approach for our developers using Django Framework

EXPERIENCE

Lead – Cloud Infrastructure Architect – Comcast Inc. – Philadelphia, PA
April 2019 – Current

- Spearheaded the design and execution of a scalable and robust cloud infrastructure, resulting in a notable 70% reduction in operational costs.
- Partnered closely with cross-functional teams to evaluate and fulfill project requirements, ensuring seamless alignment with overarching business goals.
- Engineered and managed Infrastructure as Code (IaC) templates using Terraform and AWS CloudFormation, effectively automating resource provisioning for enhanced efficiency.
- Implemented rigorous security best practices, regularly conducted audits, and elevated the overall security posture of cloud environments to fortify against potential threats.

EDUCATION

MS in Network Engineering and Security, DePaul University, Chicago, IL (2016-2018)
GPA: 4.00

BS in Networking and Computer Security, SUNY Polytechnic, Utica/Rome, NY (2014-2015)
GPA: 3.96

KEY SKILLS

- ROBOTIC PROCESS AUTOMATION (RPA)
- AWS INFRASTRUCTURE MANAGEMENT
- AZURE INFRASTRUCTURE MANAGEMENT
- PYTHON SCRIPTING AUTOMATION
- JAVASCRIPT
- AWS NETWORKING AND SECURITY
- AZURE NETWORKING AND SECURITY
- AKAMAI CDN & SECURITY MANAGEMENT
- CISCO NETWORKING

CERTIFICATIONS

- AKAMAI FRAUD MANAGEMENT
- AZURE FUNDAMENTALS
- AZURE ADMINISTRATION - ASSOCIATE
- AWS CERTIFIED ADVANCED NETWORKING – SPECIALTY
- AWS CERTIFIED SOLUTION ARCHITECT - PROFESSIONAL
- AWS CERTIFIED SECURITY – SPECIALTY
- AWS CERTIFIED SOLUTION ARCHITECT – ASSOCIATE
- AWS CERTIFIED SYSOPS ADMINISTRATOR - ASSOCIATE

- Orchestrated and directed a global team of engineers to provide support for a Fortune 50 Enterprise's hybrid infrastructure, ensuring seamless operations and continuity.
- Conducted training sessions for internal teams on cloud best practices, fostering a culture of continuous learning.
- Designed and implemented disaster recovery plans, ensuring business continuity in case of system failures.

Senior – Network Engineer – Avantor Inc. – Radnor, PA
April 2018 – April 2019
- Architected and designed network solutions based on organizational needs and industry best practices.
- Integrated newly acquired businesses into an enterprise global MPLS network.
- Configured and managed Cisco routers and switches to maintain efficient data flow within the network.
- Implemented and optimized routing protocols such as OSPF, EIGRP, and BGP.
- Designed and enforced security measures, including firewalls, VPNs, and intrusion detection/prevention systems.
- Diagnosed and resolved complex network issues, minimizing downtime, and ensuring uninterrupted network services.
- Provided tier-3 support for network-related incidents and escalations.
- Maintained comprehensive network documentation, including diagrams, configurations, and procedures.

Network and Telecom Engineer – Adare Pharmaceuticals – Princeton, NJ
Jan 2016 – April 2018
- Designed and implemented telecommunications and network solutions based on organizational requirements and industry standards.
- Managed the installation, configuration, and maintenance of telecommunications equipment, including routers, switches, and PBX systems.
- Deployed and managed Voice over Internet Protocol (VoIP) systems, ensuring high-quality voice communication across the organization.
- Implemented and enforced security measures to protect telecommunications and network infrastructure.
- Designed, deployed, and managed wireless networks, including access points and controllers.

Computer Engineer – Turning Stone Resort and Casino – Verona, NY
June 2014 – Jan 2016

Operation Technician – L&JG Stickley – Manlius, NY
Dec 2012 - June 2014

Computer Technician – Staples Inc. – Camillus, NY

- ITIL4 SPECIALIST: CREATE, DELIVER, AND SUPPORT
- ITIL4 FOUNDATION: IT SERVICE MANAGEMENT

Mar 2012 – Dec 2012

Infantryman - United States Military – Army
July 2008 – Dec 2012

OTHER PROJECTS

- VP of Technology for a non-profit DVSafe Org (volunteer)
- Co-Founder of Rootguard Technologies LLC
- Founder of Rilemaxx Consulting LLC

TECHNOLOGIES

- ELECTRONEEK RPA
- AKAMAI KONA – SECURITY PLATFORM
- AWS CLOUD COMPUTING
- AZURE CLOUD COMPUTING
- HYBRID INFRASTRUCTURE
- CISCO NETWORKING
- SONICWALL FIREWALL