# RAJU MYAKA

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## PROFESSIONAL SUMMARY

Senior Cloud Infrastructure Architect with 8+ years of experience delivering $20M+ enterprise cloud transformations across healthcare. Expert in AWS cloud architecture, infrastructure automation, DevSecOps, and cloud migration strategies. Proven track record of achieving 40% cost reductions and 90% efficiency improvements through innovative solutions. AWS certified professional with 7 certifications including Security Specialty and Solutions Architect Professional.

## WORK EXPERIENCE

- **Amazon Web Services** — Jun 2022 - Present
  *Senior Cloud Infrastructure Architect* — *Remote*
  - **Cloud Solution Architecture**: Led technical scoping for 26+ healthcare organizations, architecting cloud solutions valued at $20M+ for FY25
  - **Stakeholder Engagement**: Collaborated with executive stakeholders on requirements gathering and business objectives, architecting scalable, secure solutions aligned with Customer Business Outcomes (CBOs)
  - **Enterprise Migrations**: Led technical delivery for 15+ enterprise cloud transformation and migration engagements totaling $10M+
  - **AWS Landing Zone**: Architected and delivered AWS Landing Zones for 10+ enterprise customers using Control Tower and Organizations
  - **Security Architecture**: Designed secure, compliant AWS environments using Service Control Policies, Security Hub, GuardDuty, and AWS Config aligned with NIST, HIPAA, and CIS benchmarks
  - **Operational Compliance**: Established organization-wide compliance automation for backup, disaster recovery, and patch management using tagging, AWS Backup, and Systems Manager, ensuring adherence to regulatory standards
  - **Identity Management**: Implemented Identity Access Management using AWS Identity Center (SSO) with external IdP integration (Okta, Azure Entra ID) using SAML
  - **Network Architecture**: Architected hybrid connectivity for multi-account environments using Transit Gateway, Direct Connect, and Site-to-Site VPN
  - **Zero Trust Security**: Designed Zero Trust network security architectures using AWS Network Firewall, implementing traffic inspection and segmentation
  - **Cost Optimization**: Delivered $3.5M+ annual savings (40% reduction) through automated resource scheduling, rightsizing, and Reserved Instance strategies
  - **Resilience Engineering**: Architected chaos engineering framework using AWS Resilience Hub and Fault Injection Service, improving system reliability by 80%
  - **Executive Advisory**: Advised C-suite and engineering leaders on AWS best practices, architecture trade-offs, and risk mitigation strategies
  - **Technical Enablement**: Delivered 20+ AWS technical enablement workshops to 1000+ attendees from customer and partner teams
  - **Training & Mentorship**: Developed and launched internal AWSome Builder program to accelerate new hire readiness, mentoring engineers for Area of Depth and Technical Field Community programs

- **Amazon Web Services** — Jan 2021 - May 2022
  *DevOps Consultant II* — *Remote*
  - **Platform Engineering**: Built bioinformatics research platform automation reducing project setup time by 90% (from 5 hours to 30 minutes)
  - **Serverless Architecture**: Developed serverless medical image metadata extraction for PACS/DICOM data using S3, Lambda, and DynamoDB, fully automating manual workflows and saving 3+ hours daily for IT teams
  - **Document Processing**: Designed scalable serverless document ingestion using S3, Lambda, and Amazon Textract with Lex-based search, automating compound information extraction for research teams
  - **Cost Management**: Implemented automated budget monitoring and alerting using AWS Budgets, preventing cost overruns and saving $100K+ annually
  - **DevSecOps**: Implemented complex Azure DevSecOps pipelines for multi-account continuous deployments with automated security scanning
  - **Infrastructure as Code**: Designed CI/CD pipelines using CodePipeline, CodeBuild, CodeDeploy and IaC using CloudFormation and Terraform

- **Amazon Web Services** — Jan 2019 - Dec 2020
  *DevOps Cloud Support Engineer II* — *Remote*
  - **Technical Support**: Provided Tier 3 technical support to enterprise customers across AWS Services including CodePipeline, CloudFormation, and Elastic Beanstalk
  - **Container Expertise**: Served as Subject Matter Expert for Amazon Elastic Container Service (ECS) and Elastic Kubernetes Service (EKS)
  - **Operational Excellence**: Reduced ECS service team escalations by 40% through advanced troubleshooting and internal tooling improvements
  - **Customer Success**: Resolved 600+ critical production tickets performing root cause analysis for hundreds of enterprise customers

- **Knowledge Sharing**: Authored 8 Knowledge Center articles and delivered 15+ service enablement sessions for 100+ engineers
- **Product Influence**: Collaborated with AWS service teams and influenced product roadmap based on customer feedback

- **Virginia Tech** — Jan 2018 - Dec 2018
  *Web Application Administrator II* — *Blacksburg, VA*
  - **Container Modernization**: Containerized Apache web server and deployed via Docker Swarm to modernize legacy infrastructure
  - **Configuration Management**: Automated configuration management and deployment using Jenkins pipelines and Ansible
  - **Database Administration**: Managed Adobe Experience Manager system and MongoDB cluster administration including upgrades, backups, and recovery
  - **Monitoring**: Implemented web services monitoring using Prometheus and Grafana with comprehensive root cause analysis

- **Wipro Ltd** — Feb 2015 - Jul 2016
  *System Engineer* — *Hyderabad, India*
  - **Linux Administration**: Supported Linux server administration, DNS/DHCP configuration, and system automation using Chef and Jenkins
  - **CI/CD Implementation**: Built CI/CD pipelines for Java web services using Maven and Jenkins, deployed Java applications in clustered environments
  - **Storage Management**: Managed scalable storage solutions using Logical Volume Management (LVM) with various disk management techniques

## TECHNICAL SKILLS

- **Cloud Platforms**: AWS (Expert), Azure, Multi-cloud Architecture, Hybrid Cloud Solutions
- **Infrastructure as Code**: AWS CDK, CloudFormation, Terraform, Ansible, Packer, GitOps, Infrastructure Automation
- **DevOps & CI/CD**: GitHub Actions, GitLab CI, Jenkins, Azure DevOps, Argo CD, CodePipeline, CodeBuild, CodeDeploy
- **Containers & Orchestration**: Docker, Kubernetes, Amazon ECS, Amazon EKS, Fargate, Container Security
- **Programming**: Python, TypeScript, JavaScript, Bash, SQL, Infrastructure Automation Scripts
- **Databases**: PostgreSQL, MySQL, MongoDB, Amazon Aurora, DynamoDB, RDS, Database Migration Service
- **Monitoring & Observability**: CloudWatch, X-Ray, Prometheus, Grafana, ELK Stack, Splunk, APM Tools
- **Security & Compliance**: HIPAA, IAM, KMS, Secrets Manager, Security Hub, GuardDuty, Config, CloudTrail, Zero Trust
- **Networking**: VPC, Transit Gateway, Direct Connect, VPN, Route 53, CloudFront, ALB/NLB, Network Firewall, WAF
- **Storage & Compute**: EC2, AWS Batch, EBS, S3, EFS, FSx, FSx for NetApp ONTAP, Storage Gateway
- **Migrations**: Cloud Migration Factory, Application Migration Service (MGN), DataSync, Database Migration Service
- **Modernization**: Event Driven Architecture, Serverless, Microservices, API Gateway, Lambda, Step Functions, Event Bridge
- **Methodologies**: Agile, Scrum, DevOps, Automation, Chaos Engineering, Well-Architected Framework

## CERTIFICATIONS

- **Security**: AWS Certified Security - Specialty
- **Professional**: AWS Certified Solutions Architect - Professional, AWS Certified DevOps Engineer - Professional
- **Associate**: AWS Certified Solutions Architect - Associate, AWS Certified Developer - Associate, AWS Certified SysOps Administrator - Associate
- **Specialty**: AWS Certified AI Practitioner
- **Endorsements**: SME - Elastic Container Service (ECS), Area of Depth Expert - Network & Edge Services

## EDUCATION

- **University of Missouri Kansas City** — Aug 2016 - Dec 2017
  *Master of Science in Software Engineering* — *Kansas City, MO*
  - **Focus Areas**: Cloud Computing, Software Architecture, Distributed Systems
  - **GPA**: 3.5/4.0

- **Sreenidhi Institute of Science & Technology** — Aug 2011 - May 2015
  *Bachelor of Technology in Electronics & Communication Engineering* — *Hyderabad, India*
  - **Focus Areas**: Computer Networks, System Design, Programming
  - **GPA**: 3.8/4.0