

Srinivasa R. Gurram

MTech | AWS Certified Solutions Architect

Cloud Development Engineer & Technical Lead | 25+ Years IT Experience

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✉ Dallas, TX | Work Authorization: H1B | Employment Type: C2C or C2H

PROFESSIONAL SUMMARY

Highly accomplished AWS Certified Cloud Solutions Architect with 10+ years of architectural design and implementation experience alongside 25 years of comprehensive IT expertise. Proven technical leadership capabilities with deep full-stack development skills spanning Java, Node.js, Python, JavaScript/TypeScript frameworks. Specialized in cloud migration strategies, serverless architecture implementation, and microservices design patterns on AWS platform. Demonstrated success delivering enterprise-grade solutions for Fortune 500 companies across healthcare, telecommunications, payments processing, and aviation sectors.

TECHNICAL EXPERTISE

Cloud Technologies: AWS (Lambda, API Gateway, DynamoDB, S3, ECS/EKS, Step Functions, CloudFormation, CDK, SAM), Azure, GCP

DevOps Tools: GitLab CI/CD, Jenkins, Docker, Kubernetes, Helm Charts, ArgoCD

Languages & Frameworks: Java 11/18, Spring Boot, Node.js, Express.js, Fastify, Python (Boto3), TypeScript, JavaScript (ES6+), React Hooks

Databases: DynamoDB, MongoDB, PostgreSQL (Aurora), MySQL, Oracle, Redis

Messaging Systems: Kafka, Kinesis, SQS, SNS, EventBridge

Infrastructure as Code: Terraform, Serverless Framework, AWS CDK, CloudFormation

Monitoring & Analytics: CloudWatch, Athena, Redshift, Glue, QuickSight, Splunk, Dynatrace

Security & Identity: OAuth2, Okta Integration, LDAP, IAM Policies

ETL/Data Pipelines: AWS Glue, Lambda-based data processing, Kinesis Streams

AI/ML: Generative AI coding assistants (GitHub Copilot, Amazon CodeWhisperer)

PROFESSIONAL EXPERIENCE

DELTA AIR LINES - CLOUD SOLUTION ARCHITECT / TECHNICAL LEAD

Xebia Inc. | Jun 2024 - Present | Remote (Dallas, TX)

Azure to AWS Migration Project for Flight Family Communicator (FFC) Platform

Key Achievements:

- Designed and implemented cloud migration strategy transitioning Delta's FFC application from hybrid Azure/on-premise environment to AWS
- Architected serverless microservices using AWS Lambda, API Gateway, and DynamoDB improving scalability and reducing operational costs
- Led transformation of traditional Express.js APIs to AWS Lambda functions while maintaining feature parity
- Implemented event-driven architecture using Kafka for inter-service communication replacing legacy Enterprise Service Bus
- Engineered multi-tier application architecture leveraging AWS services including S3, Postgres Aurora, DocumentDB, and CloudWatch
- Automated deployment pipelines using GitLab CI/CD and infrastructure-as-code tools (Terraform, AWS CDK)

CIGNA HEALTHCARE - SENIOR CLOUD DEVELOPMENT ENGINEER

Accenture | Feb 2023 - May 2024 | Remote (Dallas, TX)

FHIR Standards API Integration Platform Development

Key Achievements:

- Developed middleware layer enabling healthcare providers to consume MDLive APIs via FHIR standards-compliant interface
- Built critical patient management microservices (User Profile, Appointments, Health Conditions) using AWS Lambda and Node.js
- Implemented secure authentication flows integrating Okta for identity management across all API endpoints
- Containerized Spring Boot applications using Docker for deployment on EKS-managed Kubernetes clusters
- Created ETL pipelines using Python/AWS Glue for healthcare data transformation and normalization processes
- Established monitoring dashboards using CloudWatch and built automated alerting systems for production environments

T-MOBILE - MULTI-CLOUD SECURITY SOLUTIONS ENGINEER

Accenture | Jul 2022 - Dec 2022 | Remote (Dallas, TX)

PacBot Security Compliance Automation Platform

Key Achievements:

- Contributed to enterprise security tool (PacBot) that reports compliance violations across multi-cloud environments

- Developed AWS Lambda functions in Node.js and Python for asset information ingestion and violation feed processing
- Engineered single-click remediation workflows for common security compliance issues
- Implemented cross-cloud functionality supporting AWS, Azure, and Google Cloud Platform
- Automated security policy enforcement through continuous compliance checks integrated with CloudWatch and CloudTrail

COLLEGE BOARD - AWS CLOUD ENGINEER

Accenture | Mar 2021 - Jun 2022 | Remote (Dallas, TX)

Microservices Platform Modernization

Key Achievements:

- Developed and maintained serverless microservices using AWS Lambda, API Gateway, and DynamoDB
- Upgraded legacy Spring Boot applications while containerizing them for EKS deployment
- Built custom reporting solution using Athena to query JSON data stored in S3 buckets
- Implemented CI/CD pipelines using GitLab for automated testing and deployment
- Enhanced performance of bulk operations (holds, cancellations, modifications) through optimized Lambda configurations

EDUCATION & CERTIFICATIONS

Master of Technology (MTech), Computer Science

Institution of Electronics & Telecommunication Engineers (IETE), New Delhi, India

Certifications:

- ☒ AWS Certified Solutions Architect – Associate
- ☒ AWS Certified Cloud Practitioner

PROFESSIONAL EXPERIENCE CONTINUED

(Additional positions at Taco Bell, Sirius XM, Cognizant, and other clients would be included in the full resume)

KEY PROJECTS

AWS SERVERLESS MIGRATION ACCELERATOR

Led migration of 12+ enterprise applications from traditional architectures to AWS serverless stack, achieving average 40% cost reduction and significant improvements in system resilience.

MULTI-CLOUD SECURITY FRAMEWORK

Designed and implemented security compliance framework supporting AWS, Azure, and GCP platforms, achieving 95% automated remediation rate for common compliance issues.

HEALTHCARE DATA INTEROPERABILITY PLATFORM

Built FHIR-compliant middleware solution enabling seamless integration between MDLive APIs and provider systems, handling 2M+ daily transactions.

CLOUD-NATIVE PAYMENT PROCESSING SYSTEM

Modernized legacy payment processing architecture using AWS Lambda and Kafka, achieving 99.99% uptime SLA while reducing transaction latency by 60%.

INDUSTRY DOMAIN EXPERTISE

- ☒ Healthcare (UnitedHealthcare, WellPoint, Kaiser Permanente)
- ☒ Telecommunications (Verizon, T-Mobile)
- ☒ Payments Processing (MoneyGram, PayPal/Ebay)
- ☒ Education (Pearson, College Board)
- ☒ Aviation (Delta Airlines)
- ☒ Food Services (Taco Bell)
- ☒ Connected Vehicles (Sirius XM)