

# Mohsin Sheikhan

## Senior Cloud Developer & AWS Community Builder (Serverless)

### SUMMARY

Accomplished Cloud Developer & DevOps Engineer with over 5 years of experience specializing in AWS services and serverless technology. Proficient in automating and optimizing back-end systems using TypeScript, Node.js, and cloud-native platforms, with a record of reducing execution time and costs in AWS environments. Extensive knowledge of infrastructure-as-code and CI/CD tools, including Terraform and GitHub Actions. Bachelor in Computer Science with a strong background in designing fault-tolerant architectures, asynchronous messaging patterns, and implementing DevOps practices to enhance software delivery. Holds multiple certifications including AWS Certified Solutions Architect - Associate and AWS Certified Security - Specialty.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	AWS (5 yr.), TypeScript (5 yr.), Node.js (5 yr.), AWS Lambda (5 yr.)
<b>Programming Languages</b>	TypeScript (5 yr.)
<b>JavaScript Frameworks</b>	Node.js (5 yr.)
<b>Cloud Platforms, Services &amp; Computing</b>	AWS (5 yr.)
<b>Amazon Web Services</b>	AWS Lambda (5 yr.)
<b>Methodologies, Paradigms and Patterns</b>	serverless (5 yr.)

### WORK EXPERIENCE

#### Cloud Developer & DevOps Engineer, AWS environments optimization

**Duration:** Jan 2025 - Jul 2025

**Summary:** Spearheaded the design and management of AWS environments to optimize performance and availability for multi-tier applications.

**Responsibilities:** Design and management of AWS environments, optimizing Lambda functions, integrating AWS services, and implementing cost optimization strategies.

**Technologies:** EC2, RDS, S3, CloudFront, Route 53, ALB, Lambda

## Senior Cloud Engineer - Serverless & DevOps, Serverless applications on AWS

**Duration:** Jan 2024 - Jan 2025

**Summary:** Led the design and deployment of cloud-native serverless applications processing high volume transactions with high uptime.

**Responsibilities:** Designing and deploying serverless applications, delivering GDPR-compliant data processing pipelines, optimizing CI/CD pipelines, and maintaining system reliability.

**Technologies:** Lambda, Step Functions, DynamoDB, SQS, EventBridge, KMS, CodePipeline, GitHub Actions

## Cloud Infrastructure Engineer & DevOps Specialist, AWS-native integration flows

**Duration:** Sep 2022 - Dec 2023

**Summary:** Developed AWS-native integration flows to enable real-time data exchange between microservices and enhanced security and observability.

**Responsibilities:** Developing and deploying AWS-native integration flows, enforcing security with IAM policies and VPC network segmentation, and implementing observability.

**Technologies:** API Gateway, Lambda, Amazon EventBridge, IAM, VPC, CloudWatch, AWS X-Ray

## Cloud Solutions Engineer, Mission-critical ERP system on AWS

**Duration:** Feb 2021 - Aug 2022

**Summary:** Supported the deployment and maintenance of a mission-critical ERP system and led database migration to Amazon Aurora Serverless.

**Responsibilities:** Deploying and maintaining an ERP system, optimizing workloads, leading database migration, and collaborating with teams for cloud service delivery.

**Technologies:** EC2, RDS, VPC, IAM, Amazon Aurora Serverless, AWS DMS

## Cloud Developer, Serverless MLOps-driven RAG pipeline

**Duration:** Project duration not specified in CV

**Summary:** Built a serverless MLOps-driven RAG pipeline to extract, embed, and retrieve insights from unstructured documents with natural language querying.

**Responsibilities:** Building serverless MLOps-driven RAG pipeline, enabling natural language querying, and provisioning AWS resources using AWS CDK.

**Technologies:** Textract, SageMaker, OpenSearch, Step Functions, AWS CDK (TypeScript), Amazon Bedrock

## EDUCATION

- Bachelor's of Computer Science
- Graduation Date: Jan 2022



## CERTIFICATION

- **AWS Certified Cloud Practitioner**
- **AWS Certified Solutions Architect - Associate**
- **AWS Certified Security - Specialty**
- **Terraform Associate**

