

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

Main Technical Skills	AWS (5 yr.), TypeScript (5 yr.), Node.js (5 yr.), AWS Lambda (5 yr.)
Programming Languages	TypeScript (5 yr.)
JavaScript Frameworks	Node.js (5 yr.)
Cloud Platforms, Services & Computing	AWS (5 yr.), serverless (5 yr.)
Amazon Web Services	AWS Lambda (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**

