

# SADEEL ANJUM

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## Executive Summary

Cloud Architect with a decade of experience designing and leading large-scale AWS environments, including multi-account governance, enterprise migrations, and resilient multi-region architectures. Proven track record of reducing cloud costs, improving system reliability, and accelerating engineering velocity through automation and AI-augmented workflows. Leverages AI-driven tooling to optimize infrastructure, enhance developer productivity, and eliminate operational toil while delivering secure, scalable, and production-grade cloud platforms.

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## AWS Certifications

AWS Certified DevOps Engineer – Professional  
AWS Certified Developer – Associate  
AWS Certified Cloud Practitioner

AWS Certified Solutions Architect – Associate  
AWS Certified SysOps Administrator – Associate

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## Technical Skills

**AI & Automation:** AWS DevOps Agent, Claude Code, AI-driven infrastructure & repository security scanning, Datadog AIOps, AWS DevOps Guru

**Compute & Containers:** ECS, EKS, EC2, Lambda, Fargate, Docker, Kubernetes, Elastic Beanstalk

**Networking & Security:** VPC, ALB/NLB, CloudFront, WAF, Route 53, IAM, KMS, GuardDuty, Security Hub, Inspector, Shield Advanced

**Infrastructure as Code:** Terraform, AWS CloudFormation, AWS CDK

**CI/CD & DevOps:** GitHub Actions, AWS CodePipeline, CodeBuild, CodeDeploy, Jenkins, SSM

**Data & Messaging:** RDS, DynamoDB, Document/MongoDB, S3, Athena, EMR, ElasticSearch, SNS, SES, Firehose, Kinesis, DataPipeline, DMS

**Observability:** Datadog, CloudWatch, CloudTrail, X-Ray, AWS Config

**Governance & DR:** AWS Organizations, Control Tower, SSO, Backup, AWS MGN, Elastic DR, AppSync, EventBridge

**Languages:** Python, Shell, C#, YAML, JSON, XML

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## Professional Experience

**iClosed.io** (AI-driven Sales Analytics Platform)

U.S.A, Remote

**Cloud Architect**

Feb 2024 - Present

- Embedded AI into the engineering workflow — integrating Claude Code for IaC authoring and operational automation, AI-based code review in CI/CD pipelines, and AI-driven security scanning across application repositories and AWS infrastructure, reducing manual overhead and accelerating delivery cycles.
- Cut AWS infrastructure costs by 17% by auditing resource utilization, rightsizing EC2/ECS workloads, and applying Savings Plans and Reserved Instance commitments.
- Redesigned cloud architecture to meet security, availability, and automation standards — closing gaps in IAM least-privilege, network segmentation, and incident response runbooks.
- Architected production infrastructure for AI/ML workloads on Amazon Bedrock and SageMaker — including VPC isolation, IAM least-privilege scoping, and private endpoint configuration to secure model access in production.
- Improved cloud operational efficiency by 20% by migrating fully to IaC with Terraform and AWS CDK, eliminating manual provisioning and configuration drift.
- Mitigated active DDoS exposure by deploying AWS Shield Advanced, WAF managed rule sets, and CloudFront edge caching and rate limiting.
- Automated multi-account governance by implementing AWS Control Tower and AWS SSO, eliminating manual access management overhead across all environments.
- Improved time-to-market from months to days by automating the SDLC with CI/CD pipelines, integrated test and security gates.

- Designed and implemented a multi-region Disaster Recovery strategy with RTO < 1hr using AWS Elastic DR, Route 53 health checks, and automated failover runbooks.

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**NETSOL TECHNOLOGIES** (AWS Consulting Partner)

U.S.A, Remote

**Cloud Architect**

Nov 2021 - Feb 2024

- Led cloud migration for a multinational organization, executing a phased Lift & Shift and modernization strategy using AWS MGN and re-architecture patterns.
- Secured \$50k in AWS funding and multiple AWS partnership tier upgrades by leading joint architecture reviews and TCO analyses with AWS account teams.
- Architected AWS Control Tower with Organizations to centralize governance across 100+ AWS accounts, enforcing SCPs, account vending, and guardrails at scale.
- Built and operationalized the AWS professional services practice: structured the team, defined delivery standards, and grew cross-functional cloud delivery capability.
- Delivered resilient, fault-tolerant AWS architectures for multiple client engagements following AWS Well-Architected Framework principles.
- Engineered containerized microservices on EKS with Kubernetes and Docker, achieving horizontal scalability and zero-downtime rolling deployments.
- Reduced potential security incidents by 30% by integrating GuardDuty, Security Hub, and AWS DevOps Guru into a unified threat detection and automated remediation pipeline.

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**NORTHBAY SOLUTIONS** (AWS Premier Consulting Partner)

Lahore, Pakistan

**AWS DevOps Consultant**

July 2017 - Nov 2021

- Led the DevOps practice of 30+ engineers: set technical direction, defined delivery standards, and contributed to the organization achieving AWS Premier Consulting Partner status.
- Designed and delivered cloud application architectures for international clients across multiple industries, from initial scoping through production deployment.
- Built end-to-end CI/CD pipelines using AWS CodePipeline, CodeBuild, CodeDeploy, and Jenkins, significantly reducing deployment lead times and manual release steps.
- Standardized IaC practices organization-wide using CloudFormation, Terraform, and CDK, eliminating environment drift across dev, staging, and production.
- Implemented serverless architectures using Lambda, API Gateway, DynamoDB, and RDS for multiple client projects, reducing operational overhead and infrastructure cost.

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**Education****Punjab University College of Information Technology**

Lahore, Pakistan

*Bachelor of Computer Science (BS CS)*

2013 - 2017