

Muhammad Raza

Cloud Architect



With over 5 years of extensive experience in the IT industry, particularly as an AWS Solutions Architect, I have achieved significant outcomes leveraging my in-depth knowledge of AWS services, including EC2, VPC (NAT, VPN, IAM), Elastic Beanstalk, Lambda, S3, CloudFront, RDS, DynamoDB, ElastiCache, Route 53, CloudWatch, CloudFormation, SNS, and SQS. My proactive leadership, strong problem-solving abilities, and excellent organizational and management skills have contributed to the successful deployment and optimization of cloud solutions.



Work History

2023-11 -
Current

AWS Cloud Engineer

Cloudly Tech, Toronto, ON

- **Improved Cost Efficiency:** Designed, configured, and deployed AWS solutions, optimizing the performance and cost of resources and applications using AWS CloudWatch and event-based notifications.
- **Enhanced Network Infrastructure:** Planned and built network infrastructure within VPC with public and private subnets, configuring routing tables, security groups, and internet gateways.
- **Reduced Latency:** Created a low-latency static website using S3, CloudFront, and Route53.
- **Streamlined User Management:** Managed users, permissions, directories, and files in a Linux environment.
- **Optimized Database Management:** Worked with NoSQL databases such as DynamoDB and configured security group rules.

2022-10 -
2023-10

AWS Cloud Architect

Sazan Consulting Inc., Toronto, ON

- **Architected Robust Solutions:** Designed multi-tier architectures for web servers, DB servers, load balancers, and Route53, ensuring fault tolerance and scalability.
- **Data Migration Success:** Migrated data from on-premise SQL Server to AWS RDS using Data Migration Service.
- **Log Management:** Developed a Lambda function to read logs from Code Build and ingest them into the Log DNA tool.
- **Infrastructure Automation:** Created YAML templates to automate the deployment of infrastructure using AWS CloudFormation.



Contact

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Skills

Amazon web services (AWS)

Agile

Project Management

Terraform

Linux

Python

Jenkins

DevOps

Windows

Microsoft Office

Azure

Kubernetes

MySQL

C#

VMWare

2020-06 -
2021-11

AWS Cloud Architect

G4S Secure Solutions Canada, Calgary, AB

- **Led Cloud Solutions:** Directed teams in architecting, designing, and implementing cloud solutions across multiple platforms and technologies.
- **Implemented CI/CD:** Established CI/CD pipelines, automation, infrastructure as code, and configuration management, enhancing deployment efficiency.
- **Custom IAM Policies:** Developed custom IAM policies, roles, and user management strategies within specified AWS regions.
- **Enhanced Visibility:** Created solutions to monitor, aggregate, and analyze critical data points across enterprise infrastructure, applications, and platforms, increasing operational visibility.

2019-05-

System Admin

2020-05

Imperial Oil, Calgary, AB

- **Managed IT Infrastructure:** Administered and maintained servers, networks, and IT systems, ensuring optimal performance and security.
- **User Support:** Provided technical support and troubleshooting for end-users, resolving hardware and software issues efficiently.
- **Network Configuration:** Configured and managed network devices, including routers, switches, and firewalls, to maintain network integrity.
- **System Upgrades:** Performed system upgrades and patches, ensuring systems remained up-to-date and secure.
- **Backup and Recovery:** Implemented and managed backup and recovery solutions, safeguarding data integrity and availability.



Certifications

- AWS Solution Architect Associate
- AZ-305: Designing Microsoft azure infrastructure solution
- AZ 104



Education

Software Engineering and AI (3 Years Diploma)

Centennial College

Bachelor of Arts

Allama Iqbal Open University