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# Anurag Das

To work in a professionally managed organization as a Cloud Engineer to the best of my abilities, where my skills of designing available, cost-efficient, fault-tolerant, storage driven and scalable distributed systems on AWS will be used for the betterment of client experiences, achieving the required standards and above, while attaining personal growth.

## Key Skills

- Proficient in AWS services like **VPC, EC2, S3**
- Experience in creating **S3 buckets** in the AWS environment to store files
- Troubleshooting the Status Check for the Client's system.
- Migrating on premises infrastructure and applications to AWS Cloud using AWS Direct Connect.
- Experienced in creation of **EC2, disk expansions, snapshot creation and restoration**, volume migration across multiple regions, volume backup in multiple regions, customizing and modifying AMIs as per business requirements.
- Experienced in automating EC2 instance initialization **using CloudFormation**.
- Experienced in **VPC creation, configuring instance firewall, configuring NAT gateways** for securing outbound connections.
- Focusing on highly **available, fault tolerant and auto scaling using Cloud Formation**.
- Integrated Amazon CloudWatch with Amazon EC2 instances for monitoring the log files and track metrics.
- Configured Elastic load balancers with EC2 autoscaling group creating highly availability systems.

## Professional Experience

**AWS TECHNICAL CUSTOMER SERVICE ASSOCIATE: AMAZON DEVELOPMENT CENTRE**

**Employment Date:** March, 2017- Present

### Responsibilities:

- Works as the front-end support for Developer and Business support Global customers of AWS
- Provides suggestions/solutions for best practices for organization in order to mitigate the charges
- Designing and Building Highly Available, Fault Tolerant and Scalable solutions on AWS infrastructure using native AWS services, third-party and open-source technologies for AWS Enterprise Customers.
- Resolving customers issues based on cloud infrastructure and helping them to build cost effective models for their use cases. Work closely with them and help them improve their architecture and technology stack and troubleshoot issues that occur in their infrastructure.
- Cloud Network Security with cloud solution like IAM, MFA, WAF, ELB, VPC, Encryption of data, NACL, Security groups, Cloud IAM policy design, Cloud CDN.
- Monitoring- Managing the CloudWatch metrics and health checks of the servers.
- Auditing solution- Infra integration (Cognito with AD, Workspace, App stream etc.)

- Optimize the existing infrastructure to minimize cost overhead without compromising in quality of services.
- Minimizing the extra data transfer charges by reviewing the networking level architecture and other related overheads.
- Act as a reviewing point of contact for Developer and Business stake holders which support Global customers of AWS
- Resolves billing queries/issues of customers for their accounts/organizations
- Works with APN users and resolved their queries related to billing, charges

## SOFTWARE ANALYST: CAPGEMINI

**Employment Date:** Nov, 2016- Feb, 2017

### Responsibilities:

- Analyzing the requirements of the client.
- Troubleshooting network issues of the client
- Managing the Windows Server of the client
- Monitoring the health checks of the system for the clients
- Implementing designs and innovation for optimizing the cost on behalf of the client

### Education:

**B. TECH:** GURU NANAK INSTITUTE OF TECHNOLOGY, KOLKATA

**STREAM:** : Electronics & Communication Engineering

**Board** : Maulana Abul Kalam Azad University of Technology (MAKAUT)  
**Year** : 2012- 2016  
**CGPA** : 8.09

**HIGHER SECONDARY:** Holy Child School

**Board** : Centre of Indian School Certificate Examination (CISCE)  
**Year** : 2011- 2012  
**Score** : 83%

**SECONDARY:** Holy Child School

**Board** : Centre of Indian School Certificate Examination (CISCE)  
**Year** : 2009- 2010  
**Score** : 84.4%

## **Software Skills:**

**Operating systems** : Windows 7,8,10, Windows Server 2012, 2016, 2019, Linux  
**Languages** : C  
**Databases** : SQL Server  
**Networking** : Cisco Packet tracer  
**Virtual Machines** : VMWare

## **Additional Qualification / Achievements:**

- Awarded the Ace award- Jedi master in AWS in Q3- 2020 in Amazon
- Got Excellence Award 2018 for AWS support for outstanding contribution and helping customers
- Got Twitter Award in Q3 of 2019 where my name was mentioned by one of the clients on Twitter for resolving the issue of the organization based in Australia

## **Professional Certifications-**

- AWS Solution Architect Associate
- Cloud Practioner from Udemy
- Google Cloud On Board: Application Development

## **Extra-Curricular Activities / Hobbies:**

- Reading and writing articles
- Works as a freelancer for Article and Blogging organization- Contentroop
- Travelling to hills and forests
- Playing football in leisure hours

## **Personal Details:**

**Date of Birth** : 28/09/1993  
**Gender** : Male  
**Languages Known** : English, Bengali, and Hindi