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# Smriti Bhattacharjee



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## CAREER OBJECTIVE

Looking for a promising & challenging career which will enable me to provide best of my technical, analytical & professional skills.

## CERTIFICATIONS

- **AWS Certified Solution Architect (Associate)**
- **Azure Fundamentals**

## TECHNICAL SKILLS

- **Cloud: AWS (EC2, S3, EBS, ELB, ECS, EKS, RDS, SNS, SQS, EFS, Lambda, Route53, ASG, IAM, SG, CloudFormation, CloudFront, CloudWatch, CloudTrail, ECS, EIP, VPC), Azure (Basics)**
- **Scripting: YAML**
- **CI/CD: AWS Code Commit, Code Build, Code Deploy**
- **Configuration Management Tool: Ansible**
- **Operating System: Linux**
- **Containerization: Docker**
- **Monitoring: CloudWatch**

## WORK EXPERIENCE

**Accenture Pvt Ltd – Kolkata (June 2019 – Current)**

**Role:** Cloud Service Operations Associate

- Monitoring system critical alert like CPU utilization, memory utilization and swap memory utilization using CloudWatch metrics for different systems (Dev/Qua/Prod).
- Creating EC2 instances, taking snapshots, load balancing and auto- scaling in AWS.
- Configuring VPC environment using public & private subnets, IGW, NAT Gateway/Nat Instance, VPN, Security groups, EIPs, Route tables and VPC peering.
- Connecting AWS services (S3, CW) under Private network using VPC End Point.
- Setting up VPC flow Logs on AWS CloudWatch & S3.
- Responsible for creating S3 buckets using encryptions (SSE-S3, SSE-KMS) and updating the policies to control user-based access to S3 buckets. Create/Managing buckets on S3 and enabling or disabling versioning on S3 buckets.
- Monitoring every resource deployed using CloudWatch. Analyse and troubleshoot issue based on CloudWatch logs.
- Installing AWS CLI on EC2 instances, managing S3 buckets using AWS CLI.
- Created NAT gateways and instances to allow communication from the private instances to the internet.
- Having a good understanding of cluster, nodes, Pods, Kubernetes architecture.
- Setting up CI/CD pipelines in AWS Code Commit, Code Build & Code Deploy.
- Touch base knowledge on Shell scripting.
- Creating Elastic Load Balancing on EC2 servers and troubleshoot the ELB issues.
- Lambda integration with ALB for balancing HTTP(s) loads.
- Outlining EC2 instance using CloudFormation templates.
- Using Asynchronous Invocation for speeding up lambda services.
- Involved in setting up of backend applications like Apache Tomcat, Http server and configuring them as per the project requirement.
- Creating restore points during critical DB activities using SQL Commands.
- Maintain the environment with Kubernetes for managing clusters and auto-scaling.
- Creating event notification in lambda using DLQ & Lambda Destination.
- Creating or cloning user's roles, group, policies to avoid security vulnerabilities using IAM and MFA.
- Extensively used ticketing tool ServiceNow for day-to-day activity.
- Configuring alarm as per the CPU and memory threshold.
- Working on start, stop and restart of window/Linux based apache tomcat or WebSphere Application Server.
- Working on server provisioning as per client request.
- Creating ECS container with autoscaling to run application as per client request.
- Setting up SNS notification mail to respective teams for Cloud watch alarms.
- Creating EBS vol and attaching to EC2 instance.
- Encrypting unencrypted volumes.
- Changing EC2 instance type as per the requirement.
- EBS volume migration and resizing both at AWS console.

- Start-stop and reboot of database and application servers.

## QUALIFICATIONS

### **Bachelor of Technology (Electronics and Telecommunication Engineering)**

Kalinga Institute of Industrial Technology, Bhubaneswar, 2015-2019-----7.54 CGPA

### **Indian School Certificate**

Adamas International School, Kolkata, 2013-15-----84%

### **Indian Certificate of Secondary Education**

Adamas International School-----86%

## EXTRA CURRICULAR

- Participation in annual day dance competition of champions week 2015 & 2016 organized by Boogie Woogie Academy.
- 2<sup>nd</sup> position in drawing competition 2012 organized by Arts and Artist Kala Kendra.
- SpellBee Competition

## PERSONAL DETAILS

- Date of Birth: 14<sup>th</sup> October 1996.
  - Mother's Name: Mrs. Munmun Bhattacharjee
  - Father's Name: Mr. Shardah Nanda Bhattacharjee
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