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| **Name – MAINAK CHAKRABARTY** |
| |  | | --- | | **Mob – +91-9593820694/ +91-8217605752**  **Mail – mainak23101994@gmail.com** | |  | |

**CURRICULUM VITAE**

**Objective**

Seeking a challenging and rewarding opportunity with a reputed organization, which recognizes and is involved in challenging projects, helping ultimately to attain the organization goal.

**Experience Summary**

* Having 2 Years 5 Months of experience in AWS Cloud computing as Solution Architect.
* Currently working as Assosiate AWS Cloud engineer in **Capgemini Technolgies Pvt Ltd**.

Participation in delivery of highly available, fault tolerant, high performance and cost optimized architecture on cloud (AWS) solutions

Evaluating infrastructure requests and proposing cost saving solutions.

**Technical Skills**

OS - Linux , Windows, IOS

Cloud services - AWS Cloud

Automation - JSON,bash,Ansible,Jenkins

Domain Expertise - Banking

**Professional Experience:**

* Company **: Capgemini Technologies Pvt LTD**

Duration **:** Nov 2016 to till date

Position **:** Associate AWS Cloud engineer

**Educational Qualification:**

* General | *Don Bosco School,Siliguri*

Year of passing: 2010

I have passed my 10th in I.C.S.E boards with 89%

* Science | *Army Public School,Sukna*

Years of passing: 2012

I have passed my 12th in C.B.S.E boards with 93%.

* Bachelor Of Technology | *Narula Institute of Technology*

Year of passing: 2016

I have passed under from West Bengal Institute of Technology with DGPA : 8.9

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**PROJECT DETAILS:**

**Project :-** Royal Bank of CANADA - The Royal Bank of Canada (RBC) is a Canadian multinational financial services company and the [largest bank](https://en.wikipedia.org/wiki/Big_Five_(banks)) in Canada by market capitalization. The bank serves over 16 million clients and has 80,000 employees worldwide.

* **Organization : Capgemini technologies Pvt Ltd**
* **Platform** : Linux , Windows
* **Technology** : AWS Cloud
* **Duration :** Jan 2017 – Till date.
* **Description :** Providing architectural solutions to the client on AWS cloud platform

**Responsibility:**

* Migration of on-premise multi-tier web application on to AWS cloud .
* Responsible for architecting, designing, implementing of cloud based infrastructure and its solutions.
* Have idea about CI/CD pipeline using Jenkins(Master slave architecture).
* Proficient in AWS services like VPC, EC2, S3, ELB, AutoScalingGroups(ASG), EBS, RDS, IAM, Route 53, CloudWatch, CloudFront, CloudTrail. Experienced in creating multiple VPC’s and public, private subnets as per requirement and distributed them as groups into various availability zones of the VPC.
* Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts. Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Used security groups, network ACL’s, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
* Created and configured elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
* Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application.
* Configured S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.
* Possess good knowledge in creating and launching EC2 instances using AMI’s of Linux, Ubuntu, RHEL, and Windows and wrote shell scripts to bootstrap instance.
* Used IAM for creating roles, users, groups and also implemented MFA to provide additional security to AWS account and its resources.
* Implemented domain name service (DNS) through Route 53 to have highly available and scalable applications.
* Maintained the monitoring and alerting of production and corporate servers using Cloud Watch service.
* Created EBS volumes for storing application files for use with EC2 instances whenever they are mounted to them.
* Experienced in creating RDS instances to serve data through servers for responding to requests.
* Created snapshots to take backups of the volumes and also images to store launch configurations of the EC2 instances.
* Environment: AWS (EC2, VPC, ELB, S3, EBS, RDS, Route53, ELB, Cloud Watch, AWS Auto Scaling,), SQL, Jira, AWS CLI, Unix/Linux, Shell scripting.

**Certification Details:**

* AWS CERTIFIED SOLUTION ARCHITECT- ASSOCIATE

Validation number- 2TZGCP2KLMV41W5V

**Training Details:**

* Trained in AWS Cloud computing
* Trained in JSON

**Personal Details:**

* **Name**  **:** Mainak Chakrabarty
* **D.O.B**  **:** 23.10.1994

• **Marital Status :** Single