**Subhendu Pradhan**

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**Objective: -** Seeking a responsible and challenging role to utilize my skillset, abilities in the growth & development of the organization that offers professional growth in a challenging environment while being resourceful, innovative and flexible.

**Professional Experience**: - 2.4 years

Current Organization: - Tech Mahindra Pvt Ltd.(Mar 2017 –Present)

**Skill Set:**

* AWS(EC2, S3, IAM, VPC, RDS, Auto-scaling, ELB, EBS, EFS, Cloud watch, cloud trail, SNS, Dynamo DB,Glue, Redshift, Lambda, Elastic Beanstalk,ECS)
* UNIX/Linux
* Python 3.6
* DevOps tool- Git, Jenkins, CI/CD Pipeline, Docker

**Work Experience: -**

* + - * Amazon Web Services (MAR 2017 – Present)

**Project Title:-** New Age Delivery (NAD)

Description: The #NAD platform is designed with six independent PoDs that interact with each other using AI and analytics. The PoDs work like a federation of empowered business units. This design supports PoD-specific digital market places and specialized ecosystem partners for each PoD, while maintaining an unbroken and continuous delivery model, based on the in-built Point of Delivery (PoD) approach. It maximize the velocity of project delivery.

**Project Link:** <https://nad.techmahindra.com/>

**Roles & Responsibilities:**

* Created IAM Roles for various AWS Services like EC2, S3, Auto Scaling, Elastic Beanstalk, Lambda.
* Configured Customer based and inline policies based on requirement.
* 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.
* Proficient in writing Cloud Formation Templates (CFT) in JSON format to build the AWS services with the paradigm of Infrastructure as a Code
* Performed volume-based operations in EC2 using CLI commands like creating a new volume, attaching/detaching volume etc.
* 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.
* Designed CIDR in VPC and performed subnetting for multiple users.
* Written cloud formation templates in json to create custom VPC, subnets, Routing tables to ensure successful deployment of web applications
* Created NAT instances to allow communication from the private instances to the internet.
* Decoupled application server from database server using AWS RDS Service.
* Did Multi AZ Deployment and configuring EFS volume type.
* Created & configured Redshift cluster and feed various types of data from s3 bucket to cluster using copy command.
* Created hosted zone in route 53, configured multiple record sets based on different routing policies.
* Implemented a Near Realtime monitoring /activity tracking system using Cloud trail and cloud Watch Services.
* Involved in writing Python programs for Amazon Lambda to manage some of the AWS services.
* Created and configured elastic load balancer (ELB) and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
* Launched web application through CI/CD pipeline.
* Hands on experience in DevOps tools like Jenkins, Git, Docker
* Exposed to bug tracking tool JIRA in the work environment.
* Good knowledge in relational and NoSQL databases like DynamoDB.
* Possess high working qualities with good interpersonal skills, high motivation, fast learner, good team player and very proactive in problem solving to provide best solutions.
* Tech Mahindra Entry label training (Mar 2017- July 2017)
* Attended and cleared Initial Training for Fresher’s in JAVA, UNIX, SQL, PLSQL, Web programming.
* Awards and achievement:-
* Receive certificate of achievement award ‘Bravo’ from Tech Mahindra for outstanding work in project.

Educational Qualification

* 2012-2016: -
* Completed Bachelor of Technology (B.Tech) with an aggregate of 78 Percent from West Bengal University of technology, West Bengal.
* 2012: -
* Passed 12th Standard from West Bengal council of higher secondary education (WBCHSE) with an aggregate of 77 Percent.
* 2010: -
* Passed 10th standard from West Bengal board of secondary education (WBBSE) with 82 Percent.