Amanpreet Kour

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**Summary**

To secure a position in a growing organization with plenty of opportunities to learn new skills and sufficient scope to broaden the experience with those skills.

**Certification**:

* AWS Certified Solutions Architect - Associate (SAA-C02)

# Experience:

* + AWS Trainer at **Rooman Technologies Private Limited**
	+ AWS Engineer at **Brillio Technologies Private Limited**

# Education

|  |  |  |
| --- | --- | --- |
| **Qualification** | **Board** | **Passing Year** |
| B.Tech | Punjab Technical University | 2017 |

**AWS TRAINER:** 11/09/2017- 4/05/2019

## Conduct one-to-few and one-to-many training sessions to transfer knowledge to customers.

* + Setup/Managing Linux Servers on Amazon (EC2, EBS, EFS, Security Groups, RDS and IAM).
	+ AWS Lambda, Cloud Watch logs with Nodejs Language.
	+ Setup/Managing VPC, Subnets make connection between different zones.
	+ Monitoring services thorough Amazon Cloud Watch, SNS, Cloud Front, Cloud Trail, and Storage Gateway.
	+ Manage and configure AWS services like (ELB, SNS, EC2, S3, RDS, IAM, and VPC).
	+ Creating AMI (AWS Machine Images).
	+ Implemented domain name service (DNS) through route 53 to have highly available and scalable applications.
	+ Design and manage IAM roles, Policies, user and Groups.
	+ Created and configured elastic load balancers and auto scaling groups to distribute the traffic in the environment.

**AWS ENGINEER:** 13/05/2019-Present

##  Project worked on:

* + **Cost-Optimization**

**Client**: **Bristol-Myers Squibb**

**June 2019 to August 2019**

In this project my roles were to check the usage of Storage Instances in multiple accounts of AWS Cloud.

* + - Responsible for implementing Tags Based on Cloud Watch Metrics.
		- Involved in writing Nodes API for Amazon Lambda to manage Tags on AWS Storage services like RDS and Redshift.
		- Written Cron jobs to perform operations at a scheduled time.
		- Worked extensively with AWS services like IAM, S3, Cloud Watch, Cloud Formation, SNS, Cloud Watch and RDS.
	+ **Amazon Falcon**

**Project Description**: Build a Deal intake process application for AWS CloudFront service with admin module.

 **Client**: **Amazon**

 **October 2019 to 20 April 2020**

I was actively involved in a project where we must create a client’s website in AWS Cloud. My role was to automate all configurations using AWS Cloud Services and Amazon Internal Tools.

* Designed Nodejs API to connect the Lambda service to store and retrieve the data from Dynamo DB.
* Created Cloud Front distributions to serve content from edge locations to users so as to minimize the load on the frontend servers.
* Set up and built AWS infrastructure with various services available by writing cloud formation templates in YAML.
* Enabled Continuous Delivery through Deployment into several environments of Test, QA, and Production using Cloud formation.
* Involved in writing Nodejs API for Amazon Lambda.
* Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application.
* Used IAM for creating roles.
* Gained good experience by working with configuration management CI/CD tool.
* Worked extensively with AWS services like IAM, S3, Cloud Watch, Cloud Formation, SNS, Cloud Watch, Dynamo DB, Lambda, code pipeline, code Commit, code Build , API Gateway and Amazon Internal Tools.
	+ **Updated the lambda Version in Lab-Environment**

**Client**: **Bristol-Myers Squibb**

**September 2019**

In this my role was to write a script in NodeJS to migrate all the Lambdas in various Environment from Depreciated Version to New Version.

* + - Written a Lambda function to check and generate a Report for Lambdas with older version using SDK.
		- Was responsible to send notifications through SNS for every Lambda having older versions in the cloud environment.
		- Worked extensively with AWS services like IAM, S3, Cloud Watch, SNS and Lambda.
	+ **Enable X-ray Service in the Existing Products. -- API Gateway and Lambda**

**Client**: **Bristol-Myers Squibb**

**September 2019**

In this Project, my role was to add X-RAY Service in existing Products.

* + - Added a property to Cloud formation Stack to enable a X-Ray Service with existing Product.
		- Worked extensively with AWS services like IAM, Cloud formation, Cloud Watch, and Lambda.
* **Amazon Investment (AWSINV)**

**Project Description**: Application for Sales team to request credits for AWS prospects and customers.

**Client**: **Amazon**

**April 2020 to August 2020**

I was actively involved in a project where we have to create a Tool in AWS Cloud. My role was to work as a Developer. To develop using Amazon AWS Services and Amazon Internal Tools.

* Designed API to connect the Lambda service using Step Function to store and retrieve the data from Dynamo DB.
* Set up and built AWS infrastructure with various services available by writing cloud formation templates in JSON.
* Using Step Function to manage the flow of functionality.
* Worked with AWS services like IAM, S3, Cloud Watch, SNS, SQS, DynamoDB and Lambda.
* **ArubaSC360**

 **Project Description**: Sc360 Application deployment for One premise data orchestration

 **Client:** **HPE**

 **August 2020 to Present**

I was actively involved in a project where we have to create a Infrastructure in AWS Cloud. My role was to work as a DevOps.

* Set up and built AWS infrastructure with various services available by writing cloud formation templates in YAML and JSON.
* Worked with AWS services like API Gateway, S3, CDN, SNS, SQS and IAM
* Created many VPC’s and used Transit Gateway to make connections.
* **AWS DevOps – Compound Request for CMI.**

**Client:** BMS

 **October 2020 to Present**

I am involved in writing the Nodejs with SQL Database.

* Writing the Code in Nodejs.
* Working with AWS Services like API Gateway, CDN, IAM, Lambda.
* Set up and built AWS infrastructure with various services available by writing cloud formation templates in JSON.
* Working with SQL Oracle Database.

# Skills:

## Knowledge in Amazon Kinesis, Elastic Bean, X-Ray, Route 53, Cloud Trail, Storage Gateway

* + Knowledge on network concepts like TCP/IP, OSI Model, DNS, DHCP, IP addressing and Sub netting.

# Achievements:

* + Nutanix SE Academy – NSEN Certified
	+ Nutanix SE Academy – NSES Certified
	+ AWS Business Professional (Digital) Certification
	+ AWS Cloud Practitioner Essentials: Course Introduction Certification
	+ AWS Technical Professional (Digital) Certification
	+ AWS TCO and Cloud Economics (Digital) Certification
	+ Brillio Special Award – Quarterly Star

# Academic Achievements/Extracurricular Activities:

* + Participated in University level badminton at PTU, Punjab in 2016.
	+ Actively participated in Dance competitions.
	+ Won prizes for Carom at school level.

# Personal Details:

**DOB:** 26th January 1993

**Languages Known**: English, Hindi, and Punjabi

**Present Address**: 3rd main 5th cross, Konnappana Agrahara Near VSR PG. Electronic city phase 2, 560100

**Permanent Address**: Jawahar Nagar, Srinagar, Jammu & Kashmir , 190008

# LinkedIn

<https://www.linkedin.com/in/amanpreet-kour/>