Arvind Mule

Pune

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Objective

I have over a year of experience as an AWS Cloud Professional, specializing in cloud management and optimization. My skills include AWS administration, DevOps, and cloud architecture. I am excited to collaborate with a high-performing team to drive cutting-edge cloud projects.

Experience

- **Open insights LLP Pune**   2021 - 2022
  AWS Administrator

  Environment:Terraform, Jenkins, Git, Cloud Watch, Maven, Ansible, Docker

  - Cloud Devops Engineer in Operations tools and process area.
  - Following best practices in Source Control System like Github to enable DevOps Culture.
  - Hands on Experience in installation and configuration management using Ansible.
  - Good Understanding of CICD using Jenkins.
  - Design and implement git Best Practices for Branching, Merging Strategies.
  - Creating Jenkins plugins for Maven to build Artifacts, also worked on Jenkins Master-Slave architecture.
  - Monitoring and analyzing AWS usage to identify cost-saving opportunities and implementing strategies to reduce expenses.

Education

- **KNOW-IT, C-DAC ACTS (ATC), Pune**   2021
  PG Diploma in Big Data Analytics (PG-DBDA)

- **All India Shri Shivaji Memorial Society Institute of information technology Pune**   2020
  Bachelor of Engineering(Electronic and Telecommunication)

Skills

- Cloud Platforms: AWS (VPC,EC2, S3,Lambda, CloudFormation, CloudWatch,IAM)
- DevOps Tools: Jenkins, Git, Docker, Kubernetes, Terraform, Ansible
- Programming Languages: Python, Core Java,Shell Scripting
- Operating Systems: Linux, Windows
- Databases: Oracle, DynamoDB

Projects

- **Paysafe**
  Environment: AWS EC2, S3, IAM, VPC, Cloud Watch, Linux
  Project Profile: Administration of existing resources in the AWS Account, Design and implement a scalable application on AWS Cloud.

  Roles and Responsibilities:
  - Creation of Virtual Private Cloud with Public, Private Subnets, VPC Endpoints in AWS for S3, and launching application resources in the VPC.
  - Experience in setting up Launch configurations, Auto Scaling, Load Balancers to provide high availability to EC2 machines.
  - Configuring Bastion servers / Jump servers in public subnets to have ssh connection to Private Subnet Servers.
  - Identify and troubleshoot issues in AWS Services.
  - Configured security groups and NACLs for controlling inbound and outbound traffic. Implemented AWS Shield and WAF to protect against DDoS attacks.
  - Automated the provisioning of infrastructure using AWS CloudFormation, creating templates for repeatable deployments.
  - Established CI/CD pipelines with AWS CodePipeline, integrating automated testing and deployment processes, resulting in faster and more reliable software releases.

- **Bank Data Analysis and DEFAULT Loan/RATING Prediction**

Platform - Python, Spark, MongoDB, Machine
Learning, Power BI

 -In our project, we tackled the significant risk of loan defaults by leveraging loan data to identify
and predict loans/borrowers at high risk of defaulting. We processed the data using Apache Spark, enabling us
to extract valuable business insights from the loan dataset. Utilizing data mining and machine learning
techniques, we developed a robust model to identify potential defaulters.

Achievements & Awards

- AWS Certified Solutions Architect Associate

Languages

- English
- Marathi
- Hindi

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