Uday Pratap Singh

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Summary

Critical-thinking DevOps Engineer with an extensive understanding of high availability architecture and concepts. A purpose-driven professional with the capacity to be a strong team player and work effectively independently

Experience

DevOps Engineer-1
Jiraaf | 04/2023 - Present

- Strong experience in Amazon AWS cloud infrastructure services like EC2, IAM, VPC, VPC peering, Load balancer, S3, RDS, SES, Route53, ECS, Cloud Watch, Lambda, SQS, Security, Secret Manager, AWS backup, and Cost Explorer
- Implemented AWS Organization for consolidation and centralization
- Implemented policies and governance for compliance and standardization
- Implemented AWS Startup Security Baseline in AWS account
- Implemented AWS infrastructure for new applications from Scratch
- Maintained automated CI/CD pipelines for code deployment using Bitbucket
- Implemented a streamlined deployment script, enhancing organizational efficiency and reducing downtime for seamless operations.

DevOps Engineer
1k kirana bazaar | 02/2022 - 03/2023

- Experience with Linux system administrators on how to navigate the operating systems and configure system software
- Developed and maintained automated CI/CD pipelines for code deployment using Jenkins
- Setting up Bastion hosts for Secure access to private applications on the AWS cloud
- Cost Optimization, Monitoring and Security on AWS
- Infrastructure automation using Terraform and Ansible
- Application and Log Monitoring using NewRelic and CloudWatch
- Created highly available MySQL, PostgreSQL, and MongoDB servers, attaching and detaching databases, setting permissions, performing SQL queries, and managing backup and restore operations.
- Expertise in troubleshooting the problems generated while building, deploying and also in production support
- Containerization of the existing applications using Docker

Associate Cloud Consultant
Nuclay Solutions | 04/2021 - 02/2022

- Experienced in Amazon Web Services
- Experienced in CI/CD systems and automated testing
- Experience with dockerizing and containerizing applications
- Developed infrastructure in a cost-efficient manner
- Hands-on experience with modern infrastructure and application monitoring tools such as NewRelic, Cloudwatch, Prometheus & Grafana
- Route53 configuration for DNS Management.

Projects

- Fixed-income investments & Alternative Asset -**Jiraaf**
  Technologies: LAMP, AWS - (EC2, RDS, VPC, Cloudwatch, SQS, SNS, S3, Route 53, Alb, Aws organisation)
- Warehouse Management -**1k kirana bazaar**
  Technologies: LAMP, AWS - (EC2, RDS, VPC, Cloudwatch, SQS, SNS, S3, Route 53, Mysql, Postgres, Airflow, Redshift)

Education

Amity University
Computer Science and Engineering | 08/2020