



PROFILE SNAPSHOT

- IT professional offering around 3 years of experience in designing cost-effective, fault-tolerant and scalable distributed systems. Expertise in assessing & defining technical requirements for AWS based application and saved costs while increasing profits.
- Insightful experience; successfully handling & collecting requirements / specifications and understanding the business needs while building solutions for the same
- Experienced in production support and customer service to complex software applications.
- Proven technical skills in resolving production issues within the SLA's, resulting production improvement
- Well-developed capability for building excellent customer relationships with a dedication towards developing customer-centric solutions Vast experience in monitoring, analyzing and reporting on the performance of various systems.
- Possess strong interpersonal communication, problem solving and decision making skills

EDUCATION

M.Tech.in Computer Science

Aug '20 - Present

Jamia Hamdard University

Pursuing M.Tech. in part time from Jamia Hamdard University

B.Tech.in Computer Science

Aug '15 - Sep '19

Mahatma Gandhi Mission College of Engineering & Technology

Graduated in B.Tech in 2019

CAREER HISTORY

DevOps Engineer

Mar '22 - Present

Franconnect India

Noida, IN

- Managing & handling the entire cloud infrastructure singlehandedly.
- Deploying the cluster/nodegroup over EKS (Kubernetes) for different environments using Cloudformation.
- Creating Dockerfiles for the newly created services and integrating the service into Docker-Compose.
- Creating the Deployments, Horizontal Pod Scaling (HPA), Service, and Ingress Controller manifest for the service to be deployed over k8s.
- Deployed cluster (node) auto-scaling, AWS load balancer controller to enable ALB Ingress, Cert Manager for k8s based signed Certs.
- Enabling the rolling update strategy to minimize the downtime for the application.
- Creating automated Pipelines using Codepipeline & BitBucket pipelines to create and push the image over ECR and then deploy it over the EKS clusters.
- Deploying the different infrastructure as per the requirements using Cloudformation such as EC2, RDS, S3, CodePipeline, RabbitMQ, ElastiCache (Redis), VPC, ECR, CodeCommit Repos, and so on.
- Deployed multiple VPCs with multiple public & private subnets & NAT gateways including the restricted NACL (Ephemeral ports).
- Deploying the frontend application using AWS Amplify

Associate DevOps Engineer

Nov '19 - Mar '22

British Telecom

- Responsible for managing and configuring (monitoring & alerting) in various monitoring Tools like iCinga, New Relic, Pingdom and Cloud Watch.
- Providing initial troubleshooting for application related concerns.
- Tracking application performance using New Relic and taking necessary steps. Implementing changes provided by the Dev team over production servers.
- Managing backups on system and database backup on servers. Monitoring of production servers, database and application performance. Provided technical support in Linux environment.
- Using JIRA as ticketing and tracking tool and maintaining confluence pages.
- Involved in design, implementation & provided support to cloud-based infrastructure & its solutions.

- Assessed, categorized & responded to network problems and handled changes, upgrades, improvements & integrations. Supervised New Relic Monitoring Tool and restarted the apache service.
- Handled load of server on critical stage.
- Created snapshots to take backups of the volumes and also images to store launch configurations of the EC2 instances.
- Involved in AWS services including EC2, S3, ELB, Autoscaling Groups (ASG), EBS, RDS, IAM, Cloud Formation, Route 53, CloudWatch, Cloud Front, Cloud Trail.
- Performed a wide array of duties like prepared various VPC's & public, private subnets as per requirement & distributed the same into various availability zones of the VPC.
- Supervised & maintained network & associated software including responding to tickets and coordinated with other departments, contractors & staff to assure network operations.
- Utilizing security groups, network ACLs, internet gateways & route tables to assure secure zone for the

AREAS OF EXPERTISE

Monitoring • Cloud Computing • Cloud Infrastructure • Database Management • Requirement Analysis • Software Development Lifecycle • Cloud Application Development • Troubleshooting • DevOps • Amazon Web Services • Linux System Administration • Network Engineering

TECHNICAL SKILLS

**Linux • Ubuntu • RDS • S3 • EC2 • Shell Scripting • SQL • Python DevOps/Monitoring Tools:
• GIT • Docker • Ansible • Jenkins • Terraform • Kubernetes • Confluence • New Relic • JIRA • ELK •**