
Jasim Khan

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Noida, UP

Summary

Skilled Cloud Native DevOps Engineer with 11 Years of experience, having worked on projects for C1india, InfoEdge, McKinsey & Company, and Capgemini.

Education

Bachelor's Degree in IT

Integral University Lucknow

03/2013

Skills

Kubernetes, Ansible, Terraform, AWS, Azure, ArgoCD, Github actions, Jenkins, Helm, Prometheus, Istio service mesh

Experience

Capgemini

Senior DevOps Engineer - Noida

06/2021 - Present

- Design and implement efficient, scalable, and maintainable micro-services architecture.
- Design, deploy, and manage **Prometheus and Grafana** for system monitoring and observability.
- Manage and control micro-services using Istio Service Mesh. Enable secure communication between services, traffic throttling, circuit breaking, canary releases, and access control.
- Managed Kubernetes charts using Helm templatzize Kubernetes manifests, provide a set of Configuration parameters to customize the deployment and Managed releases of Helm packages.
- Implemented and managed infrastructure as code (IaC) using Terraform to automate the provisioning and configuration of cloud-based resources.
- Design, implement, and manage **ArgoCD-based GitOps workflows** for automated deployments.
- Monitor and troubleshoot ArgoCD, Kubernetes, and deployment failures.
- Design, deploy, and maintain **CDC pipelines** using **Kafka, Debezium, and Kafka Connect**.
- Design, develop, and maintain **Ansible playbooks, roles, and automation scripts** for infrastructure provisioning and configuration management.

McKinsey & Company

Technology Engineer - Gurugram

03/2017 - 06/2021

- Worked as a DevOps with Agile Best practices to provide secure and scalable blueprints of commonly used application services.
- Design, implement, and manage microservices on Kubernetes clusters.
- Use ArgoCD for GitOps-based continuous delivery and deployment of applications.
- Define and manage Kubernetes **Helm charts, Kustomize, and manifests** for application deployments.
- Develop and maintain Ansible playbooks for infrastructure automation and configuration management.
- Implement and manage monitoring solutions using Prometheus and Grafana.
- Provide on-call support for production systems and participate in incident management.
- Conduct root cause analysis (RCA) for production incidents and implement preventive measures.
- Work closely with development, QA, and operations teams to ensure smooth deployments and operations.
- Develop and maintain Terraform modules for provisioning and managing cloud infrastructure.

Info Edge India Ltd

System administrator - Noida

01/2016 - 02/2017

- Administration, Installation, and troubleshooting in various types of technologies like Cloud computing AWS DevOps, Linux administration, Database (MySQL) and contact center solution.
- Linux Administration - Deploy, configure, and maintain systems, manage security, Manage users and groups, Configure local storage.
- Analyze, log, track complex software and hardware matters of significance pertaining to networking connectivity issues, server, and application to meet business needs.
- Setup distributed system setup, multitier, tweak the applications to its best performances. Monitor and track server performance using tools like Cacti, Nagios. Performance tuning of Web, app, db layers.
- Working on shell scripting for identify the gaps for automation and implement with proper DevOps practice model.
- Giving all the infrastructure related support for java platform.

C1 India Pvt Ltd

Systems Engineer - Noida

05/2014 - 12/2015

- Troubleshooting, mitigating, and repairing hardware issues in systems and individual subsystems (such as RAID, network, disk, memory, CPU, motherboard, and others).
- Troubleshooting, mitigating, and repairing software issues including the interaction of various operating systems such as RHEL/CentOS, Ubuntu, Windows Server file, Network; and their interaction with the various firmware revisions of hardware components attached to the system.
- Deploying various applications developed on multiplatform such as .net, java & PHP on cross platform such as IIS, IBM WebSphere & Apache Tomcat.
- Responsible to troubleshoot Web Server issue.
- Configuring programs written for system access, installation automation, and other functions.

Certificates

AWS Certified Solutions Architect, Certified Kubernetes Administrator (CKA), Certified Kubernetes Application Developer (CKAD), HashiCorp Certified Terraform Associate

Awards

Received two certificates as awards at Capgemini.