

NISHANT INDORKAR

DEVOPS ENGINEER



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Nagpur

As a DevOps Engineer having 3.7+ years of experience, looking for a platform where I can implement the skills which I have learned with my past experience and can get a chance to gain new skills which will help me in the future professionally and personally .

EXPERIENCE

Company Name - Hisan labs Private Limited

Designation - DevOps Engineer

Duration - September 2020 - present

TECHNICAL SKILL

Cloud Services - AWS (IAM, S3, EC2, VPC, ELB, Auto-Scaling, Route-53, Cloudfront, EFS, system manager)

Application Servers - Apache Tomcat 8, Http (Apache2), NGINX

DevOps Tools - Jenkins, Maven, Terraform, Docker, Kubernetes, EKS, SonarQube

Control Tools - GIT, Github, Gitlab, GitBash, Visual Studio Code

Databases - AWS Arora, RDS, DynamoDb, MongoDB

Monitoring Tools - Cloudwatch, Prometheus, Grafana

Notification Service - SNS, SQS

Network Protocols - DHCP, SMTP, FTP, HTTP, HTTPS, SSH, TCP/IP

RESPONSIBILITIES

AWS Infrastructure:

- Designed, implemented, and maintained cloud-based infrastructure solutions using AWS services such as VPC, IAM, EC2, S3, ELB, EFS, RDS, Route53, SNS, and CloudWatch.
- Administered AWS EC2 instances, including installation, configuration, and troubleshooting on various Amazon images.
- Effectively recovered lost key pairs of EC2 instances.
- Created and configured elastic load balancers and auto-scaling groups to ensure a cost-efficient, fault-tolerant, and highly available environment, complete with SSL certificate management through ACM.
- Managed VPC networking components, including Internet Gateways, NAT Gateways, Route tables, Peering Connections, VPNs, and Transit Gateway.
- Established S3 buckets for file storage, backup purposes, and optimized lifecycle management.
- Mounted S3 buckets on EC2 instances and leveraged CloudFront for caching to reduce latency.
- Implemented IAM roles, users, groups, and Multi-Factor Authentication (MFA) for enhanced security.
- Utilized Route53 for domain management and routing.
- Monitored resource usage through CloudWatch metrics and alarms.
- Created snapshots of instances for backup purposes.

- Executed AWS resource migrations between regions, whether within the same account or across different accounts, using instance AMIs.
- Managed MySQL database engine-based RDS servers.
- Utilized SNS for notification and took recommended actions for troubleshooting.
- Regularly reviewed resource pricing and billing for cost optimization.

Kubernetes and Docker:

- Developed Kubernetes YAML files for streamlined deployments within Kubernetes clusters.
- Set up Kubernetes clusters, including the Kubernetes master (API server, etcd, kube-scheduler, kubecontroller).
- Proficiently managed containers, Pods, Deployments, Services, Replication Controllers, Replica Sets, and employed various deployment strategies.
- Created Docker images from Dockerfiles.
- Automated the building and pushing of Docker images to Docker Hub and Amazon Elastic Container Registry (ECR).

AWS DevOps and CI/CD:

- Utilized AWS DevOps for comprehensive CI/CD pipelines, automating the software development lifecycle from code commit to deployment.
- Automated Jenkins build jobs, enhancing continuous integration practices.
- Integrated GitHub webhooks into Jenkins for efficient code deployment.
- Implemented Maven for automated build processes.
- Managed Jenkins master and slave nodes for improved performance.

Cross-Account Migration (QA Environment):

- Successfully migrated AWS resources between regions, both within the same account and across different accounts.
- Employed best practices for ensuring a seamless transition of the QA environment.

Front-end and Back-end Server Setup:

- Established front-end and back-end server configurations, ensuring seamless interaction between components.
- Orchestrated the setup of WordPress servers for efficient content management.

Apache Load Balancer Setup:

- Implemented Apache load balancers to evenly distribute traffic, enhancing system availability and performance.

Aggregation Server Setup (Java Bots):

- Set up aggregation servers running Java bots for executing essential Java processes.
- Ensured efficient processing and aggregation of data.

Python Scripts:

- Developed Python scripts for AWS Lambda to monitor spot instances and send notifications via email and Slack.
- Automated the build and release process using Python scripts.

EDUCATION

Bachelor of Computer Application From St. Francis De Sales College, Nagpur

PERSONAL DETAILS

Name - Nishant Yashwant Indorkar
Date of Birth - 3rd June 1991
Gender - Male
Languages - English, Hindi, Marathi
Permanent Address - Plot no.194 Vishaw Bharati Nagar, Wanjra Layout, Nagpur, Maharashtra - 440026

DECLARATION

I hereby declare that the information provided by me is true and authentic the best of my knowledge.

Date :

Place :

Nishant Y. Indorkar