

ABHISHEK PRASAD

DevOps Engineer

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📍 Nagpur, Maharashtra-440026

CAREER OBJECTIVE

As a DevOps engineer having 2+ 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 :- Bydint IT Solutions Pvt Ltd.
- Role :- DevOps Engineer
- Duration :- June 2020 -Present

RESPONSIBILITIES

- Implementing Continuous Integration involving GitHub and Jenkins for complete automation from commit to deployment.
- Installed and configured Jenkins master and slave nodes to improve performance of Jenkins.
- Configured and automated the Jenkins Build jobs for continuous integration.
- Set up Git repositories and SSH keys in GitHub.
- Integrated Github webhook into Jenkins to automate the code check out process.
- Used maven to automate the build process.
- Used sonarqube for testing purpose, created quality gate on dashboard and enforced in the pipeline to fail the builds when conditions not met.
- Worked on Apache Tomcat application server for deploying the artifacts.
- Wrote Terraform scripts and Managed infrastructure automation using Terraform.
- Experience in creating images for docker from dockerfiles.
- Created script to build and push docker images in docker hub.
- Responsible for designing, implementing, and supporting of cloud-based infrastructure and its solutions using AWS services like VPC, IAM, EC2, S3, ELB, EFS, RDS, ROUTE53, SNS and cloud watch.
- Worked on AWS EC2 service for installing, configuring and troubleshooting on various Amazon images like Amazon Linux AMI, Redhat, Ubuntu and CentOS and also Recovered lost key pair of EC-2 instance.
- Created and configured elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment and also provide SSL certificate through ACM for secure access.
- Managed networking with VPC and their component like Internet Gateways, NAT Gateways, Route tables, Peering Connections, VPN and Transit Gateways.
- Created S3 buckets in the AWS environment to store files, for backup purpose and managed their lifecycle for cost optimization.
- Mounted s3 bucket on ec2 instance and hosted website from it.
- Used cloudfront service for cache server to reduce latency.

- Used IAM service for creating roles, users and groups, also implemented MFA to provide additional security.
- Used Route53 service for providing domain and routing.
- Monitored the usage of different resources by creating matrix and alarm through cloudwatch service.
- Created snapshots of instance to take backups of the volumes.
- Migrated aws resource from one region to other in same account or in cross account by creating ami of instance.
- Migrated on premises database to AWS cloud using ec2 instance.
- Managed mysql database engine based RDS server.
- Used SNS service for notification and took recommended action for troubleshoot.
- Checking resource price and billing list for cost optimization.

KEY SKILLS

- **Cloud Services :** AWS (IAM, S3, EC2, VPC, ELB, Auto-Scaling, Route-53, Cloudfront, EFS)
- **DevOps Tools:** Jenkins, Maven , Terraform , Docker , Kubernetes
- **SCM/Version Control Tools:** GIT, Gitlab, Github, GitBash
- **Configuration Management Tools:** Ansible
- **Databases:** RDS, DynamoDb
- **Monitoring Tools:** AWS Cloudwatch, Datadog
- **Application Servers:** Apache Tomcat 8, httpd, NGINX
- **Network Protocols:** DHCP, SMTP, Samba, FTP, HTTP,HTTPS, SSH, TCP/IP
- **Operating Systems:** REHEL7, Centos, UBUNTU

EDUCATION

- BCA From G.H Rasoni institute, Nagpur in (2015-18).
- HSC From Maharashtra state board in (2015).
- SSC From Maharashtra state board in (2013).

PERSONAL DETAILS

- Name :- Abhishek Prasad
- Father's Name :- Bipin Prasad
- Date of Birth :- 10th May 1997
- Gender :- Male
- Nationality :- Indian
- Marital Status :- Unmarried
- Permanent address:- Duplex no 117-b, Saptagiri layout, Bhilgaon, Nagpur-440026