Nirav Soni

Ahmadabad, Gujarat, India

in   linkedin.com/in/nirav-soni-488142116

✉   niravsoni2407@gmail.com   📞   +91 8386829592

Summary

- DevOps with 2.5+ years of experience in implementing Best DevOps Practice for the Multiple Projects. Like to work with Linux, Cloud, and Open Source Technologies to Build the next generation Product.
- Cloud:- AWS, GCP, Azure.
- Containerization and Orchestration:- Docker, Kubernetes, Rancher.
- Infrastructure as a Code:- Terraform, AWS CloudFormation.
- Configuration Management:- Ansible, Puppet, AWS OpsWorks, and Beanstalk.
- Continuous Integration & Deployment :- Jenkins, CircleCI, TravisCI, Gitlab - - CICD, CodeDeploy, CodePipeline.
- Scripting Language:- Shell, Python.
- Monitoring:- Datadog, Grafana, Nagios, Prometheus.
- Databases Administration: MySQL, MongoDB, Oracle, PostgreSQL.
- Logging:- ELK Stack, AWS CloudWatch.
- Operating Systems: Linux Red Hat, Debian, Ubuntu, CentOS.
- SCM: Git.
- Remote Repository: Github, Bit Bucket, Jfrog Artifactory, Dockerhub, - Gitlab.
- Networking: CCNA(R&S), Cloud (VPC, subnets, NACLs, Firewalls)

Experience

Build/DevOps Engineer

iBASEt

Sep 2019 - Present (10 months +)
- Working on Gitlab. Jenkins, Docker swarm, Kubernetes, Artifactory, Linux, windows, Traefik, NPM, Maven, etc.
- Build, Install, configure, troubleshoot multiple different custom-built applications
- Deploy code to several applications
- Working with UI and API Developers and testers to troubleshoot specific issues be recreating tests, validating configuration, etc.
- Setting up automation to build Microservices Docker images using Gitlab and Jenkins.
- Implemented Kubernetes architecture for our current product. Worked on Pod, Service, Ingress, Configmaps, Probes, RollingUpdate deployments, etc for 16 microservices architecture. Migrated product from docker-swarm to Kubernetes.
- Configured jfrog artifactory to maintain all NPM, Maven and Docker artifacts at one central place.
- Maintained and Optimized Docker swarm cluster deployment strategy by creating docker-compose.yaml and all required docker volumes mapping and configmap.
- Created Automation using Jenkins for QA and Developers to test dail sprint Jira branches. It will build and deploy docker image instantly and get code changes reflection instantly for QA and Developers
- Much familiar with the sprint development process. Capable to manage Daily deployments, Sprint end deployments, Branches, Releases of the software product.
- Participate in Scrum meetings to plan, prioritize, estimate work.

Cloud & DevOps Engineer

DB Corp Ltd.

Apr 2019 - Sep 2019 (6 months)
- Worked on AWS and GCP clouds and on premise virtual machines.
- Configured Nagios monitoring in 100s of VMs to resolve any resource and failure issue in live servers instantly.
- provided operations and maintenance support for AWS cloud resources such as launching, maintaining, configuring and troubleshooting Ec2 Instances, S3 buckets, VPC, ELB, RDS, Auto Backups, Route53, CloudWatch, CloudFront, - CodePipeline, IAM and many More.
- Configured web server like Apache & Nginx.
- Worked on GCP Services such as Compute Engine(VMs, AutoScale Instance-Group, Snapshots, Images), VPC (LBs, DNS, Subnets), Google Kubernetes Engine.
- Server Configurations & management: kickstart, SAMBA, NFS, Web server, DHCP, FTP,
- Setup various projects with CI (Continuous Integration) and CD - (Continuous Deployment/Delivery) methodologies using AWS CodeDeploy and - CodePipeline, Github, Gitlab, Travis, DNS, YUM server (Centralized repositories management)
- Migrated some of projects from on premises to AWS and GCP Cloud.

AWS Administator

Eternal Web Private Limited

Feb 2018 - Apr 2019 (1 year 3 months)
- Designed AWS cloud architecture with High availability with no single point of failure.
- Have done various migrations such as WordPress website, Mysql, MongoDB, PHP website, and Full WHM migration with 100+ Cpanals to AWS with minimum downtime.
- Best practices in configuring web servers like Apache & Nginx.
- Provisioning/configuration required software onto servers, such as web - servers and databases, Java, NPM, PHP etc.
- Have done various migration such as WordPress website, PHP website, Full WHM
- Provisioned and set up RDS with Multi-AZ and Read replicas.
- Configure Route53 to use ELBs, S3, and many different algorithms etc.
- Estimating AWS costs and identifying cost-control mechanisms.
- Configure GIT for the deployment of code to staging branch and merging to production.
- Monitor performance and maintain systems according to requirements.
- Maintaining and Installation of LAN network, Wi-Fi Network.
- Installation and Troubleshooting of Linux & Windows OS

Education

Electromech Corporation Cloud and Opensource Company

Redhat Training & Certifications, RHCSA, RHCE

2018 - 2018

Vidya Bhawan Polytechnic College, Udaipur

Engineering Diploma, Electronics and communications

2015 - 2017

Govt. Sr. Sec. School

High Schooling, PCM

2013 - 2015

Licenses & Certifications

AWS Certified Solutions Architect - Associate - Amazon Web Services (AWS)

Issued Jan 2018 - Expires Jan 2021

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Red hat Certified System Administrator - Red Hat

Issued May 2018 - Expires May 2021

180-102-444

AWS Certified Developer - Associate (Released June 2018) - Amazon Web Services (AWS)

Issued Oct 2018 - Expires Oct 2021

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Honors & Awards

Achievement Certificate & Award for Best Project in State Level Exhibition Program for college final year project - GITS

Secured a 2nd Position

Skills

Amazon Web Services (AWS) • docker • Bash • High Availability • Shell Scripting • Linux • Jenkins • Travis CI • C programming • Terraform