

## NIHAL SHARIFF J

### DevOps Engineer

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DevOps Engineer with 5 years of hands-on experience in automating and Optimizing mission critical deployments over large infrastructure. Proficient with Configuration Management tools, and in developing CI/ CD pipelines.

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### *Technical Skills*

- Jenkins (CI Tool)
  - AWS cloud, CI/CD
  - Linux, bash & Python, Shell Scripting
  - Build Tool - Maven
  - Version Control Tool- GIT
  - Apache Tomcat
  - Docker, Kubernetes, Helm Chart
  - Issue tracking tool JIRA, Bugzilla and confluence
  - Ansible, Terraform
  - Sonarqube, Grafana, JFrog, Bitbucket
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### *Experience*

December 2021 – Till date

**Cognizant Technology Solutions India Private Ltd**

July 2018 – December 2021

**Concentrix India Private Ltd**

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### *Technologies*

Linux/Unix, Shell Scripting, GIT, GitHub, Maven, Jenkins, Apache Tomcat, JIRA, Bugzilla, AWS, Docker and Docker Swarm, Kubernetes, Ansible, Sonarqube, Artifactory, Helm Chart, Grafana, Java, SQL, System Administration, Microsoft Windows Server, Networking Protocols.

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### *Education*

BCA from New Horizon College, Bangalore University, 2018

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## *Professional Skills*

- Involved in dockerizing all the services and applications
- Developing docker images to support development and testing teams with jenkins pipelines
- Involved in improving service reliability using DevOps methodology, by creating, optimizing and automating operation focused processes.
- Worked on **Kubernetes cluster** to manage containers and deployments
- Working on Linux and Scripting languages (Bash, Shell)
- Proficient with various development, testing and deployment tools - **Git, Jenkins, Docker, Kubernetes, Ansible, Nagios**
- Good understanding of DevOps key concepts like Infrastructure as code
- Experience in developing **CI/ CD pipelines**
- Strong working knowledge of **Cloud environment and tools.**
- Worked on AWS services **like EC2, S3, VPC, Load balancing, Autoscaling, Terraform, etc**
- Hands-on Knowledge of software containerization platforms like docker and container orchestration tools like Kubernetes and Docker Swarm.
- Experience working with CI-CD implementation a Microservices architecture
- Ability to work within a Team with strong analytical, problem-solving, communication skill
- Demonstrated ability to effectively establish and maintain working relationships-disciplines across the organization
- Flexible and adaptable; able to work in ambiguous situations.

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## *DevOps Engineer – Cognizant – Dec 2021 to Present*

- Hands on Experience in writing Terraform scripts to automate AWS infrastructure as a code using Terraform to build staging and production environments.
- Provisioned resources in AWS such as VPC, EC2, S3, EBS, SECURITY GROUP, IAM, CLOUD WATCH, AUTOSCALING, and ELB using Terraform.
- Automated and Orchestrated workloads across multiple public cloud providers.
- Proficiency in scripting languages such as Shell, Bash, Python
- Building and deploying large-scale Java web application, Experience with highly available / responsive system.

- Been following SCM practices, such as branching and code merge
- Solid experience with Linux (Ubuntu, CentOS) administration.
- To work effectively within a team and with minimal supervision
- Experience with AWS- including but not limited to EC2, S3, RDS, IAM, Redshift, Route53
- Administration Experience in GIT. Proficient with Git and Git workflows, Branch creation and tags using GIT.
- Experience with container orchestration systems such as AWS ECS or Kubernetes.
- Experience with server-side technologies such as Apache, Nginx.
- Shell programming experience with Bash, strong command-line.
- Experience with server monitoring systems like Nagios.
- Server automation with Terraform and Ansible/Puppet or other configuration management.
- Experience with continuous integrations systems, Jenkins
- Trouble shooting issues Related to these tools. Supporting Developers in day to day Activities.
- I acquire strong experience in enterprise application integration including APIs, Web Services, Micro Services, Containerization - Kubernetes
- Handling all the releases such as Maintenance Release, Emergency Release and Launch of new projects.
- Analyzing application logs in order to determine the possible cause of issues and reporting errors directly to the Dev team.
- Managed Daily Builds and Releases to QA and Debugged Build failures and worked with developers and QA people to resolve related issues.
- Helping Testing Team by making sure that all the backend jobs work effectively at the time of QA and UAT.

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### *Devops Engineer – Concentrix – July 2018 to Dec 2021*

- Responsible for setting up CI/CD on AWS for the client.
- Using BitBucket as SCM, AWS CodeBuild to build the application, Sonarqube to perform static code analysis, S3 is used to host the Web Application.
- Working on setting up Jenkins which is used for performing automated builds.
- Actively involved in administration of source control tools.

- Experience in build & distribution approaches in distributed environment.
- Handled software configuration management issues and coordinated with development CI/CD tools implementation.
- Monitor the production environments by performing regular monitoring alerts and Setup of Kibana Server/Clients.
- Get in touch with different teams and implementing Continuous Integration. Source code management with Git by pushing, pulling, creating repositories, commit and repository pulling through CI tools. Administration and implementation of GIT.
- Using Jenkins Configured multiple build jobs, master/slave setup, integrated test cases, created distributed build environments, and performed plug-in installations, backup etc.
- Used Ansible for Configuration Management and Deployments.
- Creating Docker containers, Docker images and Docker files.
- Building instances and managing storage on cloud using AWS EC2, EBS and S3. Utilized Cloud Watch to monitor the resources and also used Route 53 for DNS Management.
- Administrating Maintaining the Nexus artifactory.
- Supporting developers by creating repositories, staging profiles, staging repositories, permissions. Used Jira to track issues and change management.

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### *Cloud Engineer – Concentrix – Project 2*

- Have setup a CI/CD pipeline from scratch for an angular application called “Smart workspace”. GitLab was used as code base. Have written Yaml scripts as a part of the pipeline.
- SonarQube was used for continuous inspection of code quality to perform automatic reviews with static analysis of code to detect bugs, code smells and security vulnerabilities.
- Docker images were used to build Angular and Java applications as a part of CI/CD process
- Ansible was used as a configuration management tool to perform various operations like push patch updates across various servers etc.
- Automated build and release of various Mindsphere applications. As a part of this I have written scripts to deploy apps to various environments like Playground, staging, QA and Prod.
- JFrog and Nexus were used to store Maven, Gradle and Npm build artifactories.

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*(Nihal Shariff J)*