**CURRICULUM VITAE**

**Hussain SK**

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**PROFESSIONAL PROFILE:**

* 4+ Years of experience in the field of DevOps Engineer in application configurations, code compilation, packaging, building, automating, managing, and releasing code from one environment to other and deploying to servers.
* Good knowledge in OS installation, configuration, updates and patches, bug fixes in Linux and windows environments.
* Experience on AWS in creating Resource, VPC, subnets, windows, and Linux VM’s Creation
* Experience in Supporting AWS Cloud environment with multiple AWS instances and configured Elastic IP & Elastic Storage and experience working with implemented security groups
* Experience on Microsoft Azure cloud in networking and security groups, Azure Virtual Networks (VNets), subnets, Azure network settings, DHCP address blocks, DNS settings, security policies and routing. Azure cloud services, Perring, firewall,
* In the Azure Hub and spoke architecture, DNS Availability set, load balancer, traffic manager, Data Disk, Storage Accounts Managing,
* Hands on experience on Backup and restore
* Hands on experience using GitHub. Maintaining repositories, managing code merge from different branches using pull requests, resolving merge conflicts etc.
* Working knowledge of branching and merging code lines in the Git and resolved all the conflicts raised during merges.
* Having knowledge on Docker containers, Installing Docker, Creating images.
* Proficient in creating Docker images using Docker File, worked on Docker container snapshots, removing images, and managing Docker volumes and implemented Docker automation solution for CI/CD model.
* Extensive experience in using Maven build tool for building of deployable artifacts (jar, war & ear) from source code.
* Experience in managing the artifacts generated by Maven in the Nexus repository.
* Proficient in writing YAML configuration files for various applications.
* Skilled in using YAML to configure and manage cloud infrastructure (e.g., AWS CloudFormation, Kubernetes).
* Experience in developing and executing Shell scripts
* Experience in creating pipelines in Jenkins for Build and Deploy and other automation jobs
* Experienced in creating custom Helm charts to deploy complex applications and microservices.
* Skilled in configuring Helm charts with values, templates, and conditionals for dynamic deployments.
* Configured and monitored distributed and multi-platform servers using Nagios

**ACADEMIC DETAILS:**

* B.Tech (Computer and Science) of JNTUH passing out 2015

**Tools and Technology**:

* Operating System : Linux, (Redhat, Ubuntu, Centos) windows
* Continuous integration Tools : Jenkins,
* Scripting : Bash
* Container Engine : Docker
* Version Control : Git
* Build Tools : Maven
* Artifacts tool : Nexus, Jfrog
* Code Scanner : SonarQube
* Monitoring Tools : Nagios, Prometheus,
* Cloud services : AWS, Microsoft Azure
* Infrastructure as a Code : Terraform, Azure Resource Manager (ARM),CFT
* Configuration Management : Ansible,
* Application Server : Apache Tomcat
* Web Server : Nginx

**Pieriandx India Pvt Ltd**

**Designation: DevOps Engineer** **Jan - 2022 to June - 2023**

**Project Summary:**

As a DevOps Engineer worked as a shared resource to multiple projects in achieving multiple tasks like

* Proficient in creating Docker images using Docker File, worked on Docker container snapshots, removing images, and managing docker volumes and implemented Docker automation solution for CI/CD model.
* Extensive experience in installing, configuring, and administering Jenkins CI toll on Linux machines and used Jenkins Pipelines to drive all Microservices builds out to the Docker Registry and then deployed to Kubernetes, created pods and managed using Kubernetes.
* Involvement in developing APIs using Kubernetes to manage and specify thee copies of the containers to run the actual servers in the cloud environment. Scheduled deployed and managed container replicas on to a node cluster using Kubernetes and deployed Docker containers through Kubernetes to manage the microservices using its Nodes, Pods, configMaps, Selectors, Service.
* Expertise on Expertise in configuring the monitoring and alerting tolls according to the requirement like Prometheus and Grafana, setting up alerts and deployed multiple dashboards for individual applications in Kubernetes.
* Worked on Amazon Web Services ( EC2, ELB, VPC, S3, CloudFront, IAM, RDS, Route 53, CloudWatch, SNS,).
* Installed and set up Web Servers ( Apache and Tomcat ), and DB Server ( MySQL)
* Server, Domain, and Database migration on Amazon Web Services.
* Provisioning the infra using the Terraform

**DataMatics Global Services**

**Designation: Associate Consultant** **Jan - 2020 to Dec 2021**

**Project Summary:**

As a DevOps Engineer worked as a shared resource to multiple projects in achieving multiple tasks like

* Automated build and deployment process with Jenkins and Maven, eliminating 80% of manual work
* Responsible for day-to-day management of all Development, Test, Stage, and Production for various Java/J2EE based enterprise applications
* Created branches and managed the source code for various applications in GIT
* Setup various Jenkins jobs for build and test automation.
* Implemented Infrastructure automation through Ansible for auto provisioning, code deployments, software installation and configuration updates.
* Experience in working with GIT to store the code and integrated it to Ansible Tower to deploy the playbooks.
* Installed and configured Jenkins for Automating Deployments and providing an automation solution.
* Merged release branches to the master after the production release and resolved the conflicts if any during the merge in GIT.
* End to end Jenkins management, configuring master slaves, creating jobs, fixing failure jobs, upgrading, backup etc.
* Working with developers to resolve issues during the deployments.
* Managing git repository, creating applications in git, User management etc.

**SmartDrive India Pvt Ltd**

**Designation: Review Analyst** **Jul - 2018 to Jan - 2020**

**Project Summary:**

As a DevOps Engineer worked as a shared resource to multiple projects in achieving multiple tasks like

* Automated build and deployment process with Jenkins and Maven, eliminating 80% of manual work
* Responsible for day-to-day management of all Development, Test, Stage, and Production for various Java/J2EE based enterprise applications
* Created branches and managed the source code for various applications in GIT
* Setup various Jenkins jobs for build and test automation.
* Installed and configured Jenkins for Automating Deployments and providing an automation solution.
* Merged release branches to the master after the production release and resolved the conflicts if any during the merge in GIT
* End to end Jenkins management, configuring master slaves, creating jobs, fixing failure jobs, upgrading, backup etc.
* Working with developers to resolve issues during the deployments.
* Managing git repository, creating applications in git, User management etc.

**Metalinks Software**

**Designation: Support Engineer** **Jan - 2018 to May-2018**

* Research and identify solutions to software and hardware issues.
* Track computer system issues through to resolution, within agreed time limits.
* Properly escalate unresolved issues to appropriate internal teams (e.g., software developers).
* Follow up with clients to ensure their IT systems are fully functional after troubleshooting.
* More interested to adopt new technologies, Prepare accurate and timely report.

**Certifications**:

* **Aws Certified Sysops Administrator-Associate**

**Personal Skills**

* Good verbal and written communication skills, Fast learner, Team facilitator. As an individual, I consider myself conscientious, honest, and frank.
* More interested to adopt new technologies.

**Place**: Hyderabad **Date:**

**(Hussain Shaik)**