**fARHANA SHAIK**

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**Professional Summary**

* Successful IT Professional with around 8 years of experience in DevOps, Cloud ,System engineering, Build and Release Management. Understands and manages the space between operations and development to quickly deliver code to customers. Has experience with the cloud, as well as DevOps Automation Development for Linux systems. Seeking a position in DevOps and Cloud to contribute my technical knowledge
* Experience in creating the company's DevOps strategy in a mix environment of Linux (RHEL, Ubuntu) servers along with creating and implementing a cloud strategies.
* Gathering and clarifying requirements from engineering staff or customers.
* Experience in working with container-based deployments using Docker, Docker Images, Docker File, Docker Hub, Docker Compose and Docker Registries.
* Experience with Jenkins/Maven deployment and build management system.
* Experienced on working with various OS like Linux (Red hat, Ubuntu, CentOS), UNIX, Windows.
* Experience in cloud technologies like AWS in both windows and Linux environments.
* Experienced in trouble shooting and automated deployment using Azure DevOps.
* Good understanding of TCP/IP protocol suite and experienced in handling Static IP entries creation in DNS, DHCP scope creation and performing backup of DNS and DHCP data.
* Used JIRA to keep track of all the ongoing tasks and maintain bug resolutions.
* Used AWS Cloud , Azure and Google cloud for Cloud account Billing process for Hybrid Cloud Structure
* Extensively worked on Jenkins for continuous integration and for End to End automation for all build and deployments
* Involved in working with various RDBMS like MySQL, Oracle, SQL Server, Postgres and NoSQL databases like AWSDynamoDB and MongoDB.
* Have basic knowledge on Terraform for creating infrastructure
* Have experience in implementing Traefik proxy for web servers.
* Have worked on Azure DevOps services such as Azure Repos, Azure Pipelines, AzureBoards, Azure Kuberenete Services and Azure Container Registry to plan work and collaborate on code development, built and deployed application
* Have Hands on experience on deploying .Net Core web applications on Azure Kubernetes Services in a complete automation approach
* Have hands on experience on deploying MEAN stack application using Dockerization and Jenkins or Teamcity
* Have hands on experience on installing Sonarqube, Jenkins and nexus through Docker compose and integration

**Technical Skills:**

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| * **Cloud Technologies**: AWS, Azure , GCP * **DevOpstools**: Git, Jenkins, Docker, Github, Bitbucket , Azure Devops, Teamcity, Sonarqube, Nexus * **Virtualization:** VMware Vsphere , Oracle VM Box. * **Web server Applications**: Apache Tomcat, Nginx, jode.js * **Database**: SQL Server 2019, MongoDB and PostgreSQL. * **Version Control tools**: GIT, GitHub, Bitbucket | * **Monitoring tools:** Nagios, Amazon cloud watch, Splunk. * **Operating Systems**: Red hat Linux, Ubuntu, Debian, CentOS, MS windows servers 2016&2019 with services like AD, AD-CA, DNS,DHCP, windows XP,7,8.1,10 * **Scripting** : shell, Groovy, HTML, bash * **Issue Tracking tool:** JIRA, ServiceNow * **Messaging**: Exchange server 2016 & 2019 * **Documentation**: JIRA Confluence |

**PROFESSIONAL EXPERIENCE:**

**VIZIO Dallas, TX March 2022 – Present**

**DevOps Engineer**

**Roles and responsibilities:**

* Part of the Production Support Team who supports and maintains the current infrastructure and takes care of Production Deployments in a timely manner.
* Configure and Maintain CI/CD pipelines required for the project/application to build and deploy with the help of Azure DevOps.
* Utilized orchestration tools such as Docker, Kubernetes and Azure Container Service (ACS).
* Create and manage Azure Application Infrastructure maintenance.
* Developed ARM templates to automate the provisioning and deployment process.
* Configured Azure Log Analytics and Dynatrace to monitor the Azure Application resources 24/7 and trigger alerts.
* Strong ability to troubleshoot any issue generated while building, deploying, and during production hence assisting teams to deliver a scalable and Fault-tolerant software into production environments.
* Responsible for multiple successful production releases.
* Have used Azure container registry (ACR) for image management, Service principal connections for external service connections from Azure

**Environment:** Azure DevOps, Azure Cloud, ACS, AKS, Dynatrace, MongoDB, Linux, Windows Server.

**Morae Global Corporation, Clifford Chance June 2020 to Dec 2021**

**DevOps Engineer – Lead**

**Roles and responsibilities:**

* Worked on DSAR iManage project where I did Continuous Integration and Continuous Deployment with the help of Bitbucket, Jenkins, Sonarqube and Docker.
* Creating and maintaining different Dockerfiles to handle different docker images.
* Responsible for creating and maintaining docker networks and volumes.
* Creating and maintaining different CI/CD pipelines for different applications with the help of Jenkins or Teamcity.
* Configure and Maintain CI/CD pipelines required for the project/application to build and deploy with the help of Azure DevOps.
* Part of the Production Support Team who supports and maintains the current infrastructure and takes care of Production Deployments in a timely manner.
* Installation, configuration and maintenance of MongoDB, Tableau, and SQL Server.
* Configure and Maintain CI/CD pipelines required for the project/application to build and deploy with the help of Azure DevOps.
* Implement the cloud infrastructure using azure services like Virtual Networks, SQL Databases, Virtual Machines, Storage accounts, Application gateways, Load balancers using the azure resource manager.
* Utilized orchestration tools such as Docker, Kubernetes (AKS) , Azure Container Registry (ACR) and Azure Container Service (ACS).
* Create and manage Azure Application Infrastructure maintenance.
* Developed PowerShell scripts and ARM templates to automate the provisioning and deployment process.
* Use Shell Script/Bash Script in Azure DevOps Pipeline to automate a few tasks while building and deployments.
* Configured Azure Log Analytics to monitor the Azure Application resources 24/7 and trigger alerts.
* Strong ability to troubleshoot any issue generated while building, deploying, and during production hence assisting teams to deliver a scalable and Fault-tolerant software into production environments.
* Implement MongoDB OPS Manager across all environments in the project
* Responsible for multiple successful production releases.
* Worked on different deployments such as Apache, Java, Nodejs, Angular, MEAN stack, Python & .net core.
* Responsible to create and handle Azure DevOps CI/CD pipeline to process different projects.
* Configuration for Maven projects in Azure DevOps
* Creating and maintaining code scanning applications like SonarQube, Fortify, Traefik and Sonatype on docker containers.
* Responsible for creating and maintaining Dev and Test environment set up based on different applications in Vsphere or AWS
* Responsible for creating and managing private NuGet and npm.
* Worked on Agile Methodology like Scrum, Sprint model.
* Worked on Jira migration such as one Jira cloud to another one, Jira cloud to on-prem and on-prem to Jira cloud.
* Worked on Teamcity and Jenkins migration to a different network with a different domain name.

**Environment:** Azure DevOps, Azure Cloud, ACS, AKS, Tableau, MongoDB, Azure SQL, Azure Log Analytics, Azure Data Bricks, ARM Templates, Linux, Windows Server, Scripting, vSphere VMWare, Teamcity, Jenkins, Traefik Proxy, Docker, Azure TFS, Visual Studio, Visual Studio Code

**Accenture Solutions Private limited, Jan 2014 to June 2020**

**Cloud Operation Senior Analyst & DevOps Engineer**

**Roles and responsibilities:**

* Have an experience in Configuration Management, Change/Release/Build Management, deployment process using basic Python and Shell scripts with focus on DevOps tools and AWS and Azure Cloud Architecture
* Experience on DevOps essential tools like basicAnsible, Docker, GIT, Jenkins.
* Worked on Agile Methodology like Scrum, Sprints model.
* Creating and maintaining CI/CD Pipeline through Jenkins.
* Extensive experience with Installation and configuration and maintenance of artifact repository Nexus.
* Experienced in using Build Automation tool like MAVEN for building of deployable artifacts (JAR, WAR) from source code.
* Maintaining the storage in S3 services and pulling the data through API's
* Managed GitHub repositories and permissions, including branching and tagging.
* Automated build and deployment using Jenkins to reduce human error and speed up production processes.
* Responsible for managing VPC services and creating infrastructure using Terraform
* Responsible for fixing the assigned issues within the targeted time.
* Written various SQL Queries and deployed in Splunk, Used AWS Cloud watch as a monitoring tool.
* Configured GITHUB private repositories.
* Worked in AWS to access and store data in the redshift
* Involved in processing billing and preparing invoices for cloud providers (AWS, Azure, NTT, Google, Oracle) using different cloud provider tool Google Storage, Google Big query, Orbitera, Cloud Cruiser
* Experience as a team player with proven ability to interact with various disciplines and work with different levels of management, in order to deliver excellent quality of work
* As a part of Accenture Cloud Platform worked on different tools like CPSC, CPO, Cloud Cruiser, Orbitera, Splunk, Slack
* Creation and configuration of Elastic load balancers and Auto scaling based on application requirement
* Maintained the monitoring and alerting of production using Cloud Watch log service.
* Built and deployed Docker containers to break up monolithic app into microservices, improving developer workflow, increasing scalability, and optimizing speed
* Installed and configured Nagios to constantly monitor network bandwidth, memory usage, and hard drive status
* Responsible for the building and deploying the artefacts into Prod/Dev/Staging and Test Environments.
* Deplyment of Angular code using NodeJs
* Updated Release reports from change management control
* Maintained and Administered GITHUB Source Code Tool.
* Created Branches, Labels and performed Merges in GITHUB.
* Developed build and Deployment Scripts using MAVEN as build tools in Jenkins to move from one environment to other environments.
* Responsible for maintenance of the GIT repositories, and the access control strategies.
* Worked on integrating GIT into the continuous Integration (CI) environment along with Jenkins.
* Integrate Bit bucket web hook with Jenkins to auto build on push of code to a Bit bucket repository.
* Configured and maintained Jenkins to implement the CI process and integrated the tool with Maven to schedule the builds.
* **Updated Release reports from change management control.**
* Automation of build process (Build Automation) using the Jenkins, Maven and Git.
* Developed and implemented Software Release Management strategies for various applications according to the agile process.
* Worked on Administration, maintenance and support of Red Hat Enterprise Linux servers.
* Configured and Managed Jenkins for running the automated Builds and Deployments to CI Dev Servers.
* Creating new build jobs, Integration testing jobs and deploy jobs in Jenkins to automate the process.
* Developed procedures to unify, streamline and automate application development and deployment procedures with Linux container technology using Docker.
* Involved in maintaining Artifactory Server for managing code artifacts like jars, wars, ear files.

**Environments:** Maven, GIT, Jenkins, Cloud Storage, GCP BiqQuery, AWS, CloudWatch Log Service, CISCO Orchestation, Orbitera, Cloud Cruiser, AWS S3 buckets , API , Lambda, Splunk, Cloud Analytics, Google Cloud RUN, AWS ECS, VPC, Redshift, Cloud Trial, Dynamo DB

**Certifications**

* **AWS Certified SysOps Administrator (Associate)**

**Education**

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| **Apr 2008**  – **March2012** | Bachelor of Technology: Information Technology  Jawaharlal Nehru Technological University - Nellore, India |