

G.NaveenKumar

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Professional Summary

- Having 3 years of Overall experience which includes implementation of DevOps.
- Experience in creating the company's Devops strategy in a mix environment of Linux servers along with creating and implementing a cloud strategy based on Amazon Web Services.
- Manage AWS infrastructure(at times 200+ instances) for reliability, uptime, and setup alerting through Slack When thresholds were triggered.
- Setup a full Business Intelligence workflow using AWS QuickSight that was automatically fed CSV data from a nightly running microservice. Serverless API development using AWS services like API Gateway, Lambda, and DynamoDB.
- Experience in configuring and updating the servers using configuration management tool Ansible.
- Hands on experience in EKS, container CI/CD deployments, Docker, Kubernetes.
- Developed complex build, test, provision, secure and deployment systems and providing support to a large community of developers and testers.
- Microservice development using Golang and NodeJS including containerization and CI/CD with Jenkins
- Created and maintained various DevOps related tools for the team such as provisioning scripts, deployment tools, and development and staging environments on AWS.
- Implement continuous escrow solutions such as a Jenkins configuration as code and K8's build infrastructure
- Identify & archive source code artifacts used for a requested release Support managing Software Bill
- Version control and source code management using the GitLab, & Bitbucket .
- Automation of build process (Build Automation) using the Docker, Jenkins, Bamboo and Git.
- Expertise in load balancing and setting upload balancer and firewall rules in an enterprise environment.
- Collecting, identifying and archiving documentation artifacts such as: build steps, technical documentation, requirements, third party licensing software signing

Professional Experience:

- Working as a DevOps Engineer at [X]cube-Labs Hyderabad.
- Worked as a DevOps engineer at TCS Hyderabad.

Education:

- ❖ SSC : Board of Secondary Education 78%
- ❖ INTER : State Board Of Intermediate Education 73%
- ❖ Graduation : (B.S.C) Bachelor of Science & Computers 81%
- ❖ Masters : (MCA) Master Of Computer Application 77%

Technical Skill Sets:

Configuration Management (SCM)Tool	: GitLab & Bitbucket
Servers	: Tomcat,WebSphere
Build Tools	: Maven & Gradle
Continuous Integration(CI/CD)	: Jenkins
Databases	: MySQL, RDS, DyanmoDB
Tracking Tools	: Jira, Service now
Operating Systems	: Linux,Windows
Configuration & (IAC) Tool	: Ansible, Terraform
Codereview tools	: Sonar, App center
Cloud environments	: AWS, Azure & GCP
Artifactory	: Nexus, JFrog
Container & Containerization	: Docker & Kubernetes

Project Summary

#Project 1:

- Client name: Humana, VFX-summit,

Roles & Responsibilities:

- Install and setup the kubernetes command-line tool used to directly manage Kubernetes clusters Configuring pods and Containers.
- Implement Kubernetes Perform common application management tasks, such as rolling updates, injecting information into pods, and horizontal Pod auto scaling.
- Kubernetes Configure load balancing, port forwarding, or setup firewall or DNS configurations to access applications in a cluster.
- Implemented kubernetes managing a Daemon Set, such as performing a rolling update.
- ☐ Performing Source code repository management.
- ☐ Contribute to the software development process by Branching, Merging, Tagging code
- ☐ Performing Cold Storage Archive in GitHub EMU by creating Barebone repo
- ☐ Granting access to LaunchDarkly Worked on Azure Pipelines & Troubleshoot the tasks
- ☐ Performing Tasktop DB Optimization for daily basis & Monitoring Tasktop dashboard by deleting blockers
- ☐ Responsible for K8'S agents for build pipeline & AKS for release pipeline.
- ☐ Responsible for monitor the agents disk space on our working hours both Windows & Linux
- ☐ Also worked on GLPI supported items
- ☐ Responsible for CI environments **Jenkins(automated regression)**.
- ☐ Developed build and deployment scripts using **MAVEN** as build tools in **Jenkins** to move from one environment to other environments.
- ☐ Enforced automation in build and deployment procedures, executed code builds and deployment activities.
- ☐ Troubleshoot and identify root cause of Jenkins build failures
- ☐ Setup aggregated logging across all microservices into Elasticsearch with Kibana dashboards and alerting

Project Summary

#Project 2:

- Client name: Mercedes-Benz, Dr.Lalpathlabs & Logistics

Roles & Responsibilities:

- Performing the tasks of scheduling build automation.
- Responsible for releasing multiple live apps in UAT and Production environments on a weekly basis as per Release schedule.
- Upgrading Environments like DEV, TEST, UAT, STAGE after every minor and major releases and Infrastructure support to all environments.
- Implemented Jenkins for Continuous Integration Builds and Notifications exclusive for Developer as a self help feature.
- Containerizing applications with Docker. Responsible for managing the Docker private registry.
- Creating Docker files and build images and push to the Docker private registry.
- Working on creation of custom Docker container images, tagging and pushing the images.
- Performing installation testing on builds before handing over to QA team.
- Works with developers, QA and Product support teams to identify and resolve build problems.
- Maintenance, Support and enhancements on Jenkins
- Manage code repositories (branching, labelling, release creation etc...)
- Implemented DevSecOps for various projects like Trivy scan(Container-scan), Gitleaks-scan & Sonar-scan.
- Involved STAGEALL build and RELEASE DEPLOYMENT activities
- Maintain build and deploy python/shell scripts
- Worked on AWS Cloud Formation templates to create custom-sized VPC, subnets, EC2 instances, ELB, security groups.
- Setup and build AWS infrastructure various resources, VPC, EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Cloud formation JSON templates.
- Experience on Scout24 security tool for multiple client AWS accounts (EBS-Encryption, Log-monitoring)
- Developed Jenkins pipelines and tooling for engineers to easily unit test and deploy code with Helm and K8s
- Worked on Lambda functions for ECS auto shut down & auto up at certain point of time for UAT environment.
- Configure the appropriate VM's, storage and network in to support the customer workloads in AWS
- Installing and configuring different Tiers Virtual Machine for different Project needs.
- Creation of AWS SQL Databases and granting access to the Users.
- Maintaining security at every level from code push to GitLab to Deployment to ECS-EC2, ECS-Fargate & EKS
- Configuring Jenkins(**automated regression**) with the Bit Bucket and build like Maven.
- Developed Shell/Python Scripts for automation purpose.
- Working experience with Jenkins (**automated regression**) automation configured with Maven.
- Adding plugins or updating plugins in Jenkins.
- Monitoring build results in Jenkins and deploying successful artifacts to the application servers from Jenkins and Resolving Jenkins server issues.
- Writing **inventory files** and **ansible** configuration files.

- ☐ Creating **playbooks** in **Ansible** for configuration and Deployment activities.
- ☐ Automating **AWS** cloud deployments using **Python**, **Shell script** and **Ansible**.
- ☐ Configured **packages, services** using **Ansible modules** like yum, service, templates, handlers etc.
- ☐ Configuring **Apache Tomcat** server using **Ansible** .
- ☐ Involved in many client meetings and performed some rapid actions in improving the product.
- ☐ Managed daily builds and releases to all the environments.
- ☐ Involved in Terraform using automation.
- ☐ Working hands on Build frontend and backend applications
- ☐ Working hands on manual deployments for both Backend and Frontend and applications
- ☐ Working hands on Net scalar for load balancing servers.
- ☐ Working hands on Launch Darkly for client side and server side applications
- ☐ Networking and test the connection through curl or nc command
- ☐ Maintaining zero down applications for all environments
- ☐ working hands on CO for new servers and decommission for old request
- ☐ Working hand on Dynatrace monitoring tools to check logs and metric on requests
- ☐ Working hands on CI and CO for production deployments
- ☐ Debugged build failures and worked with developers and QA personnel to resolve related issues. Working and periodically meeting with Enterprise Architects, Project Managers, Scrum Master, Vendors, Developers and Deployment Managers to define and implement a Software Configuration Management solution.
- ☐ Working on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs. Configuring and Networking of Virtual Private Cloud (VPC)
- ☐ Developed time tracking of class schedules using Node JS (socket.io based on socket technology, Express JS framework).
- ☐ Used IAM to create new accounts, roles and groups.
- ☐ application on AWS using different resources like EC2, ECS, Elastic Beanstalk, SQS, Elastic Cache, DynamoDB, SNS Cloud Watch and Elastic Search.

Declaration:

I here by declare that the above mentioned information given by me is true and correct at best of my past experience

(G.Naveenkumar)