# SivaParvathi B DevOps Engineer

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**CAREER OBJECTIVE:**

Seeking a Challenging role to work in a professional environment that provides opportunity to learn key technologies, be an effective team player in developing , managing projects and to be an asset for the organization by delivering to the best of my capabilities.

# PROFESSIONAL SUMMARY:

* Having 3+ years of experience in DevOps and AWS as **DevOps Engineer.**
* Experience on **AWS** Services like **IAM, EC2, S3, VPC , RDS , EBS , Auto scaling** and **security groups** and **Cloud watch**, **EKS.**
* Hands-on Experience on **Jenkins** for **Continuous Integration ( CI )** for End to End automation for all build and deployments.
* Experience on setting up **Prometheus** and **Grafana**. Configuring the servers for **monitoring**

mission infrastructure components with email alerts.

* Experienced on integrating unit tests and code quality analysis tool like **Sonarqube**.
* Hands-on experience in using **Nexus** repository for **Nodejs** builds.
* Hands-on experience with databases ( **PostgreSQL , MYSQL** ) creating users, performing dump/restore.
* Experienced on **Ansible** configuration tool and developed Ansible scripts for automation process.
* Experience in development , execution and maintenance of **shell scripts** to automate application deployment.
* Experienced in source control management concepts such as branching , merging , tagging and accessing control to the repo’s using version control system tools like **GitHub**.
* Hands-on experience in **Docker** Containerization tool and deployed application using containers in various environments.
* Experience on orchestration tool like **kubernetes**.
* Worked on Provisioning the **Kubernets Clusters** in **EKS** and managed the clusters and nodes using **Kubectl** and as **Command line utilities**.
* Experience on **IAC** tool like **Terraform**.
* Experience in multi platforms like Ubuntu , Centos and windows supporting production , test and development environments.
* Experience in **Linux Administration** such as user , Package , process, service, network, disk management, troubleshooting log files.
* Experience in using Linux editors like **VIM, VI** etc.
* Experienced in project management and issue tracking tool like **JIRA**.

# PROFESSIONAL EXPERIENCE :

* Worked as a Sr.Software Engineer in HP as Client with payroll of Tech Mahindra Ltd ( July 2022 to Jan 2023)
* Worked as Associate in Armsoftech Private Limited (Aug 2018 to July 2019)
* Worked as Associate in Allsec Technologies (Feb 2016 to Nov 2017)

# TECHNICAL SKILLS:

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| --- | --- |
| VersionControlTools: | Git , GitHub |
| ContinuousIntegrationTools: | Jenkins |
| ConfigurationmanagementTools: | Ansible |
| ContainerizationTools: | Docker |
| AWSCloudServices: | EC2, VPC, S3, IAM ,RDS, EBS,EKS |
| MonitoringTools: | Prometheus, Grafana ,CloudWatch |
| TicketingTools: | JIRA |
| OperatingSystems: | Linux , Ubuntu ,Centos, windows |
| ScriptingLanguages: | ShellScripting |
| BuildTools: | Maven, NPM |

PROFESSIONAL EXPERIENCE :

Project#1:

Project: **LightHouseDesigner , OpsConsole**

Roles And Responsibilities:

* Automated the build process for environments like DEV, QA , UAT, PREPROD using Jenkins Pipeline which take care of committed changes on the fly through this flow:
  + Creating Jenkins CI/CD Pipelines for Continuous build and deployment .
  + Integrated SonarQube with Jenkins for Continuous inspection of code quality and Sonarqube scanner for NPM builds.
  + Configure the required jobs as per requirements. Generating Artifacts and pushing into Nexus repository using Jenkins.
  + Built docker images of application and pushed them to Nexus repository using Jenkins.
  + Sent Jenkins build output to respective teams via email.
* Responsible for Creating Docker images by dockerfiles for easier replication of QA,UAT,PRE- PROD environments in VM’s.
* We will follow build once and run on any environment like QA, UAT , PRE-PROD.
* Implemented monitoring to improve the monitoring and to reduce notification latency.
* Responsible for maintaining the ticket log and provide periodic feedback of status and scheduling issue to the management.

Project#2:

Project: **Dell secure works**

Roles and Responsibilities:

* Resolved environment related issue on all Non-production and production .
* Worked on JIRA ticking tool, on environment related issues and resolve tickets on priority.
* Creating Jenkins CI/CD pipelines for Continuous build & deployment.
* Jenkins Installation and Configure the necessary plug-ins in Jenkins which is required as part of build as per requirement.
* Involved in scheduling the automated build called Nightly Builds.
* Automated the code deployment process for each environment (deployment, QA, Production).
* Using Maven as a build tool .I could automate the process of building artifacts.
* Involved in deployment of the application using tomcat.
* Help develop teams implements new changes for future production deployment.
* Creating monitoring , alarms and notification for EC2 hosts using CloudWatch.
* Troubleshooting the daily issues and bug fixing.
* Worked Closely with developers to pinpoint and provide early warnings of common build failures.
* Sent Jenkins build output to respective teams via email. Project#3:

Project: **SAT**

Roles and Responsibilities:

* Proficiency in SCM techniques branching, merging ,controlling and monitoring code changes.
* Creating War files using maven.
* Responsible for Version changing of Maven dependencies.
* Responsible for Creating and configuring new build jobs, plug-in management distribute builds using Master/slave .
* Performing deployments to multiple environments like DEV ,QA .
* Provide 24\*7 production support and development environment s. Ability to communicate requirements effectively to team members and mange application.
* Creating Custom Docker images using Dockerfile and maintaining the docker based application.
* Responsible for Creating Dockerfile to build the custom docker image.
* Responsible for multiple scanning like Sonar Scan , Malscan

Declaration: I hereby declare that the above information true and correct to best of my knowledge