

## HEMA PAULDURAI

Devops Engineer

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### PROFESSIONAL SUMMARY

- Having around **4 years** of Experience as a "**DevOps/Build & Release Engineer**"
- Implemented Infrastructure automation through Ansible for auto provisioning, code deployments, software installation and configuration updates.
- Experience with container-based deployments using Docker, working with Docker images, Docker Hub and Docker-registries and Kubernetes.
- Building/Maintaining Docker container clusters managed by **Kubernetes, Linux, GIT, Docker** on AWS. Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, tests deploy.
- Having Experience in implementation of **CI/CD**.
- Configuring the **Docker** containers and creating **Docker files** for different **environments**.
- Good knowledge in creating the **Docker Images** and configuring the images in **Jenkins**.
- Worked in **JIRA** automation in **Jenkins** build and deployment process.
- Installed number of plugins in **Jenkins** for project requirement.
- Good experience in automating the process of uploading the packages from **Jenkins** using backup repository **Nexus**.
- Responsible for administering and supporting version control systems (**GIT**) on **Linux**.
- Experience in Creating branches, tags, user locking, branch locking, and Daily Activities Included Force builds, daily patches in **GIT**.
- Expert in build automation tool **MAVEN** for **Build development** in Windows and **Linux**.
- and interacting with developers to sort out issues related to Build Automation.
- Extensive experience using **MAVEN** as build tool for the building of **deployable** artefacts from source code.
- Experience in **Build & Release** Activities, which involves Building source code, handling and Administration of Version control tools (**Git**), maintaining **CI** environments (**Jenkins**).
- Build, Configure, Manage and Coordinate all **Build** and **Release** Management activities.
- Expertise in Installation, **Configuration**, **Administration** and Maintenance of **CI** tools Jenkins.
- Experience with Application servers configuration and management.

### TECHNICAL PROFICIENCY

Scripting language	Groovy, YAML, SHELL
Monitoring Tools	Grafana, Prometheus, ELK
Build Tool	Maven, Npm
Continuous Integration	Jenkins
Deployment Tools	Ansible
Containerization Tool	Docker
Cloud Environment	Amazon Web Service(EC2, S3, ECR, ECS, ELB, IAM, Route53, DNS,)
Version Control System Tools	GIT
Operating Systems	Linux, Ubuntu

## PROFESSIONAL EXPERIENCE

**Organization:** Digival solutions

**Duration:** July 2020 to Till date

**Roles and responsibilities:**

- Responsible for Maintaining/Administration of **GIT** version control tool.
- Responsible for defining branching strategy, creating baselines and releasing the code.
- Creating branches in **GIT** and provide access permission to the developers on need basis.
- Creating and maintaining the development and release branches in **GIT**.
- Troubleshoot application issues by log verification.
- Worked with **Docker containers** which are lightweight and fast for reducing the cycle time of development, testing and deployment.
- Downloaded/Installed **Docker images** from Docker hub using docker pull down Professional summary of Docker.
- Worked on configuring, managing and deployment of applications on web servers such as Apache Tomcat.
- Supports daily builds and product releases on **Linux platform**.

**Technology:** Linux, Git, Jenkins, Maven , Groovy, Docker, Ansible, AWS,SonarQube, Nexus, Grafana, Prometheus

**Organization:** CGI

**Duration:** Jan 2019 to June 2020

**Roles and responsibilities:**

- Experience in supporting applications on different platforms Windows and Linux environments
- Used **Maven** for building the artifacts and administered the Maven Build scripts.
- Monitor builds and provide proactive support to resolve any build issues.
- Involved in scheduling the automated build called Nightly Builds and Managing Daily Builds, Weekly builds, Nightly Builds
- Experience building AWS EC2 instances for development, test and production environments.
- Compilation and run time issues in Build failures, identifying the build breaks and reporting to development team
- Install/Configure build, package and deliver java application to Application server.
- Responsible for the **development** of tools, **scripts**, installation procedures and systems including source code control and issue tracking.
- Ability to troubleshoot build and **deployment issues**.
- Capable of working **independently** and as well as a part of a team.
- Good work experience in **end-to-end Building, deploying** and configuration process and Implementation from local **QA** environment to **UAT** and Production.
- Taking care builds and deployments in local, staging and production environments.

**Technology:** Linux, Git, Jenkins, Maven , Groovy, Docker, Ansible, AWS, SonarQube, Nexus, Grafana, Prometheus

**Organization:** Amazon

**Duration:** June 2018 to Jan 2019

- Experienced in responding promptly to incoming customer inquiries in person, by telephone and by email.
- Proficient in maintaining an updated knowledge of the organization's products, services and customer service policies.
- Skilled in documenting customer interactions when necessary compiling documents and forwarding information to interested parties.
- Proficient in explaining simple and clearly in response to customer's questions and checking for customer understanding and acceptance.
- Competent in recommending new products or services or making suggestions for improvements by identifying relevant features and benefits.

#### EDUCATION

- **B.TECH-ECE at Karunya University** , Coimbatore , Tamil Nadu.