

# Dasari Pavan Kumar

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## Professional Experience:

Currently working as a **Devops Engineer** at **capgemini** , with **3+years** of experience.

## Professional Summary:

- **3+** years of experience In Cloud computing in IT Industry **DevOps & Linux, Git, GitHub, Maven, Jenkins, Ansible, Docker, Kubernetes, AWS.**
- Experienced with SCM tool **GIT** along with **GitHub.**
- Experienced in Branching, tagging and version management strategies using **Git.**
- Experienced in build tools like **Maven.**
- Experience on continuous integration like **Jenkins.**
- Experienced on Jenkins by installing, configuring and maintaining for the purpose of Continuous integration (CI) and for End-to-End automation for all build and deployments.
- Good Experience on writing various scripts in Jenkins to monitor server health and self-heal if necessary. Also, configured email plug-in to send alerts based on groovy script.
- Experienced in implementing **Ansible** to manage all existing servers and automate the build/configuration of new servers and to setup ContinuousDelivery Pipeline.
- Experienced in deploying micro services, including provisioning **AWS** environments using Ansible Playbooks.
- Experienced in Configuring and managing web Server and automating this using **Ansible.**
- Experienced in creating custom **Docker** Images using **Docker** file and creating **Docker** Volume and **Docker** Networking.
- Experienced with **Docker** on multiple cloud providers to build and containerize their application (CI/CD) to deploying either on public or private cloud.
- Good knowledge on **Kubernetes.**
- Experience on Docker orchestration and docker Docker containerization using **Kubernetes.**
- Have an ability to work on Multiple targets and can switch between different projects quickly as per requirement.
- Experience in configure AWS services like **VPC, EC2, Auto Scaling, IAM, EKS, ELB, Cloud watch, R53 and S3.**

## Technical Experience:

<b>Cloud Platform</b>	AWS.
<b>Containerization Technology</b>	Docker, Kubernetes.
<b>Version Tools</b>	GIT, GitHub.
<b>CI/CD Tools</b>	Jenkins, Ansible.
<b>Operating Systems</b>	Windows, Linux.
<b>Build tool</b>	Maven.

## Education:

- Bachelor of Technology in **Saveetha university**- Chennai.

## Work Experience:

- Working in **capgemini** , as Devops Engineer from JAN 2022 to till date.
- Previously worked at Cognizant as a Associate Software engineer from NOV 2019 to JAN 2022

## Project: 1

### Clinics app :

Clinics app is an android based application to give Doctors a platform to book appointments and start consultation with Latest Diagnosis (ICD 9 / ICD 10) codes and Prescriptions. It has various lab integrations as well as Full EMR (Electronic Medical Recording Platform) features. It has been evolved to Web front as well.

**Duration:** Jan 2022 To till date.

**Role:** Build and Release and DevOps.

**Environment:** Git, Maven, Jenkins, Ansible, Docker, Kubernetes.

### Project Responsibilities:

- Responsible to provide highly efficient architecture to run the application with negligible down time using Git, Maven, Jenkins, Ansible, Docker, multiple ec2 instances with load balancers to manage load requirements Architecture also includes RDS, VPC and other services of AWS.
- Responsible to create branches in Git and merging branches as part of the Release management process.
- Responsible for Build and Release management using Git and Maven.
- Responsible for automating CI/CD.
- Responsible to write Docker files and Docker compose files to build docker images and containers.
- Responsible to maintain docker private repository.
- Responsible to write Ansible playbooks to automate the CD process.
- Used Kubernetes to orchestrate the deployment, scaling and management of docker containers.

## Project: 2

### *FHSC Healthcare*

**Duration:** Nov 2019 to Jan 2022

**Role:** Build and Release and DevOps.

**Environment:** Git, Maven, Jenkins, Ansible, Docker, Kubernetes.

### Project Responsibilities:

- Installed, Configured and Administration of **Tomcat** Application Server Network Deployment on Linux, UNIX, and Windows Server.*
- Configured **Jenkins CI** tool for project and setup Nightly Builds.*
- Automated the code deployment process in each environment (development, QA, Staging, Production).*
- Configured a continuous integration process and interface with the operations team to ensure project artifacts are deployed automatically to various environments using **Jenkins**.*

- Installation, Configuration and Administration of Jenkins over LINUX build machines in distributed mode over **Apache Tomcat** and configured jobs along with various plug-in for Continuous Integration.*
- Worked and Troubleshoot Git Repositories on Production, Staging, Development and Local Server's.*
- Configure User Required Domain's on Apache server.; User. Administration and Permission;*
- Maintained Jira for bug tracking and monitored consistently.*
- Monitored the Automated Build and Continuous Integration Process to ensure correct build execution, and facilitate resolution of Build and Release failures.*
- Performed build and release of all software cycles engineering, test, production, update, patches, and maintenance.*
- Wrote scripts in maven to automate build process and Shell scripts to automate product deployments and upgrades.*
- Worked on Production Server's on Amazon Cloud (EC2, EBS, RDS, S3, and Route 53).*
- Setup of Application Environment which includes installation of products like Apache Tomcat server on UNIX, Linux, and Windows Platform.*
- Installed and configured Apache/Tomcat web server.*
- Set up and administer user and groups accounts, setting permissions for users.*

### **Skills & Competencies:**

- Adaptive nature.
- Time management skills.
- Dedication and commitment to the work.
- Hardworking, honest and self-motivated.
- Confidence and strong belief in completing the assigned work successful.

### **Declaration:**

I hereby declare that the above furnished information is true and promise that I will work hard up to the satisfaction of my superiors and company if I am provided with the opportunity.