

Rajesh Kambala

Devops Engineer

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Profile

Professional Experience:

Currently working as a **DevOps Engineer** at **Capgemini** with 3.6 years of experience building and maintaining Business applications and product applications.

Professional Summary

- 3.6 years of experience In Cloud computing in the 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 building tools like Maven.
- Experience in continuous integration like Jenkins.
- Experienced on Jenkins by installing, configuring, and maintaining for Continuous integration (CI) and End-to-End automation for all builds and deployments.
- Good Experience in writing various scripts in Jenkins to monitor server health and self-heal if necessary. Also, configured an email plug-in to send alerts based on the groovy script.
- Experienced in implementing Ansible to manage all existing servers and automate the build/configuration of new servers and setup Continuous Delivery Pipeline.
- Experienced in deploying microservices, including provisioning AWS environments using Ansible Playbooks.
- Experienced in Configuring and managing web Servers and automating this using Ansible.
- Experienced in creating custom Docker Images using Docker files and creating Docker Volume and Docker Networking.
- Experienced with Docker on multiple cloud providers to build and containerize their application (CI/CD) to deploy either on a public or private cloud.
- Good knowledge of Kubernetes.
- Experience in Docker orchestration and docker Docker containerization using Kubernetes.
- Can work on Multiple targets and can switch between different projects quickly as per requirement.
- Experience in configuring AWS services like VPC, EC2, Auto Scaling, IAM, EKS, ELB, Cloud watch, R53, and S3.

Skills

Operating Systems : Windows, Linux	● ● ● ● ●	Version Control Tools : GIT	● ● ● ● ●
Build Management Tools : Maven	● ● ● ● ●	Scripting Languages : Shell Script	● ● ● ● ●
Application Servers : Apache & Tomcat	● ● ● ● ●	Continuous Integration Tools : Jenkins	● ● ● ● ●
Web Server : ApacheHTTP	● ● ● ● ●	Bug Tracking Tool : Jira	● ● ● ● ●
Virtualization Tools : Docker, Kubernetes & Terraform	● ● ● ● ●	Configuration Management Tools : Ansible	● ● ● ● ●
Cloud Tools : AWS	● ● ● ● ●	Automation Tool : Terraform, Ansible, Chef, Puppet & Jenkins	● ● ● ● ●

Projects

Oct 2020 – present

Pagarbooks

Duration: From November 2021 to Present

Role: DevOps and Build and Release.

Environment: GIT, Maven, Jenkins, Ansible.

Description:

PagarBook is a web-based Licensing and Entitlement Management system that enables software developers and device manufacturers to maximize revenues and streamline business operations. The PagarBook platform includes out-of-the-box interfaces for license generation, activation, tracking, reporting, and back-office integration and customer self-service portals.

Project Responsibilities:

- Software Configuration management (Automate CI & CD pipe using Ansible, Maven, Jenkins & GIT).
- Responsible for tagging and maintain code on version control GIT.
- Perform Build activities using Maven and Jenkins tool.
- Responsible for creating Builds and Deployments Planes.
- Creating War / Ear files using Maven.
- Configured Jenkins Jobs, install plugins for generating Project artifacts.
- Automate the build Process Using Jenkins jobs.
- Writing inventory files and Ansible configuration files.
- Creating playbooks in Ansible for configuration and Deployment activities.
- Automating AWS cloud deployments using Shell script and Ansible.
- Configured packages, services using Ansible modules like yum, service, templates, handlers etc.
- Configuring Apache tomcat server using Ansible.
- Perform Deployment of War files in Tomcat application servers using Shell script and Ansible.
- Perform deployments to multiple environments like Dev, QA, and UAT environments.
- Resolving the JIRA tickets for different environments of DevOps for all the projects.

Mar 2019 – Sep 2020

VirginCare

Duration: March 2019 to September 2020.

Role: Build and Release and DevOps.

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

Project Responsibilities:

Responsible to provide a highly efficient architecture to run the application with negligible downtime using Git, Maven, Jenkins, Ansible, Docker, and 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.

Education

Sep 2013 – May 2017
Hyderabad, India

Bachelors of Technology,
Jawaharlal Nehru Technological University Hyderabad.

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.

Rajesh Kambala
Hyderabad