

Venkataram G R

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- **12.6 years of experience** in IT Industry with **5.6 Year of Experience as DevOps Engineer** with expertise in application configurations, code compilation, packing, building, automating, managing, and releasing code from one environment to another and deploying to servers.
 - Experience in DevOps/AWS/SRE **which includes Build and Release process setup, Build Automation, Continuous Integration, Continuous Deployment, Continuous Testing and Continuous Monitoring** using Automation Tools.
 - Experienced in Jenkins by installing, configuring and maintaining for the purpose of Continuous Integration (CI) and for end-to-end automation for all build and deployments and creating Jenkins CI pipelines.
 - Administration and creation of Individual Jenkins jobs, including automatic generation, reporting and alerting of build failures and build status indicators.
 - Configuring **Jenkins** as a common build engine to build and deploy applications to dev, QA, UAT and PROD environments.
 - Provided technical guidance and mentorship to junior team members, facilitating their professional growth and contributing to a cohesive and efficient team environment.
 - Experienced in creating, configuring and maintaining infrastructure on AWS cloud services including virtual private network (VPC), EC2, EBS, S3, ELB and **Auto scaling**.
 - Creating IAM Users, Roles and Groups and maintaining the users Access Management and Permissions.
 - Experienced in branching, merging and maintaining the versions using SCM tools like **Git and GitHub** on windows and Linux platform.
 - Experienced in the creation of Docker containers for managing the application life
 - Creating custom Docker images using **Docker file** for easier replication of DEV and QA Environments.
 - Expertise in using build tools like **MAVEN** for the building of deployable artifacts such as War & Ear from source code.
 - Experience in integrating Unit Tests and Code Quality Analysis Tools like **SonarQube**.
 - Experience in using **Nexus** Repository Manager for Maven builds.
 - Implemented Continuous Delivery pipeline with **Docker, Jenkins, GitHub, Maven and AWS**.
 - Experience with Linux/Unix environments and scripting for Build & Release automation
 - Experience in Shell Scripting.
 - Experienced in creating various dashboards, metrics, alarms and notifications for server monitoring and logging using **Prometheus, Grafana and ELK stack**.
 - Having good experience on Installing and configuring Devops tools.

Experience History

- Currently working at **IBM India Pvt Ltd**, Bangalore as Advisory System Analyst from **September 2016** to till date.
 - Worked in **HCL Technologies Pvt Ltd** as Senior Software Engineer from February 2011 to August 2016.
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TECHNICAL SKILLS

Version Control Tools	GitHub
Build Tools	Maven
Artifactory Repositories	Nexus
Continuous Integration Tools	Jenkins
Continuous Code Scanner	SonarQube Scanner
Cloud Services	AWS Cloud
FTP Client Tools	WinSCP, FileZilla
SSH Client Tools	Putty, MobaXterm
Operating System	Windows, RedHat Linux
Scripting	Shell Scripting
Container Tools	Docker, Kubernetes
Monitoring Tools	Prometheus & Grafana
Configuration Management	Ansible

EDUCATION

- Master of Computer application (MCA) from RV College of Engineering, VTU University, Karnataka

CAREER PATH

PROJECT # 1

Company : **IBM India**
Duration : Feb 2021 to till date
Technology : AWS & DevOps
Role : Cloud & DevOps Engineer

PROJECT # 2

Company : **IBM India**
Duration : May 2018 to January 2021
Technology : AWS & DevOps
Role : Cloud & DevOps Engineer

PROJECT # 3

Company : **IBM India**
Duration : Sept 2016 to April 2018
Technology : C#, ASP.NET, SQL Server
Role : Application Developer

PROJECT # 4

Company : **HCL Technologies**
Duration : Feb 2011 to August 2016
Technology : C#, ASP.NET, SQL Server
Role : Senior Software Engineer

PROFESSIONAL ROLES & RESPONSIBILITIES

- Involved in designing and deploying a multitude application utilizing almost the entire AWS stack including **EC2, S3, RDS, IAM focusing on high-availability, fault tolerance, Auto-scaling.**
- Help Development teams automate the environment setup using tools like Ansible.
- Setup DEV, QA and UAT environments for every sprint using Ansible.
- Configure **Jenkins** to build a Container based apps into Clusters using shared library approach.
- Create **Jenkins** Jobs and Users, giving permissions according to their usage.
- Configure Slaves in Jenkins
- Responsible for setup and on-going builds in Jenkins.
- Containerization, Deployment and troubleshooting for monolithic and micro service-based applications.
- Containerized service deployment using **EKS (Elastic Kubernetes Service)**
- Setup the EKS dashboard
- **Docker** images and run them on Internal Kubernetes Platform
- Created **Docker** images using **Docker files** to support containerization of applications.
- Experience deploying infrastructure resources utilizing **Terraform.**
- Configured the Jenkins pipeline with Ansible tower Rest API
- Support the engineering teams regarding CI/Build tools, Environments and Automation
- Involved in Branching, Tagging and Merging of code delivery at required releases.
- Setup and maintain cloud-based infrastructure (AWS)
- Responsible for the complete build and release process including automation of nightly builds, packaging the release and coordinate release material.