|  |
| --- |
| **MahendraBabu V** **DevOps Engineer** Techno-functional professional with expertise in independently leading projects by understanding the requirements; targeting assignments in **DevOps Engineering** within **Product and Service based IT Industry** **Location Preference: Bangalore**  mahendrababuvattikala@gmail.com  +91- 7013607057 |
| knowledge24x24icons Profile Summary |
| * Result-oriented professional with experience of **nearly 3+ years** of experience in **DevOps and CI/CD**
* Successfully administered **DevOps practices** and executed day-to-day operations from development to production
* Excellence in working on **software configuration management, continuous integration, continuous deployment, building & deploying software, release management and cloud implementations**
* Hands-on experience on tools such as **SonarQube and Sonar Scanner, Maven, Jenkins**
* Developed solutions to optimize, enhance, manage the clients’business in the best possible way with end-to-end execution of the solution identification exercise involving client interaction, development of workflow **solution, solution customization**, **configuration & implementation**
* Troubleshot issues of **IP cameras, L2 switches and NVR and NTP Server**
* Effectively identified the root cause to ensure nil breakdown Possess working experience of Source Code Management (Version Control System) tools such as **Git, GitHub**
* Proven success in installing and configuring **Nagios** to constantly monitor network bandwidth, memory usage, and hard drive status
* Insightful cross-cultural exposure while working with geographically diversified & multi-functional teams for sharing information, identifying mutual goals and inspire & influence others to mobilize & achieve shared goals
* Possess working experience of various open source technologies to build a CI/CD pipeline, provisioned infrastructure programmatically and monitored & logged infrastructure for large sets of machines
* Hand-on experience in the fields of Docker, Kubernetes, HELM, Ansible
* Possess knowledge of cloud concepts, Azure services, Azure workloads, security and privacy in Azure Fundamentals

core24x24iconsTechnical Skills

|  |  |
| --- | --- |
| **Version Control Tool:** **Database F/W:****Operating Systems:** **Cloud:****Tools:** **Servers:** **Containerization Tools:****SSH Client Tools:****Languages:** | GITMySQL, PostgreSQLWindows 7/8, Redhat LinuxAWS,AzureSonarQube and Sonar Scanner, Maven, Jenkins, Ansible GITTomcatDocker, KubernetsPutty, Puttygen, MobaXtermPython, Linux Scripting |

edu24x24icons Education

|  |  |
| --- | --- |
| **2014****2011** | B.Tech. (E&C) from Narayana Engineering College, Nellore , AP, IndiaDiploma Engineering (E&C) from G.M.R. Polytechnic, Madanapalli, AP, India |

  |
|  Core Competencies  |
|

|  |  |  |
| --- | --- | --- |
| DevOps Solution Delivery and Strategy | Branching & merging strategies | Application Release Automation |
|   |  |  |
| Project Coordination & Execution | Performance Testing | Deployment Upgrades & Fixes |
| CI/CD and Cloud Environment | Process Excellence & Delivery | Configuration Management |

exp24x24icons Professional Experience

|  |  |
| --- | --- |
| **Deputy Engineer****Bharat Electronics Ltd., Bengaluru, Karnataka** | **Since Jun’18** |

**Growth Path:**

|  |  |
| --- | --- |
| Graduate Apprentice TraineeContract EngineerDeputy Engineer | Feb’15 - Feb’16Jun’16 - Jun’18Jun’18 – till date |

**Key Result Areas:*** Planning release building, and scheduling activities by implementing the Configuration Management
* Using GIT for sourcing control and Application Life Cycle Management activities
* Managing multiple AWS services including C2, S3, VPC, Auto Scaling, ELB, IAM, Cloud Formation, Lambda, Cloud watch, RDS, EBS, Elastic search and so on; working on Compute, Storage, Networking and Database services in AWS
* Administering GIT version control system including; creation of accounts, branching, merging, conducting patch fixes, snapshots and conducting training of users over version control system
* Generating Pipeline for Automatic Application Build using Ansible; handling pre-production and production releases
* Operating MAVEN for the automating the build and deployment Process
* Managing branch level and repository level access privileges to developers
* Liaising with development teams for Pre-Build activities & Post Build activities
* Automating Patch deployment Full builds deployment and Environment creation by writing playbooks on Ansible
* Troubleshooting issues related to building, deploying and in production support; troubleshoot CI/CD pipelines issues
* Migrating applications from traditional data center infrastructures to hybrid or fully-cloud based environments
* Implementing Ansible for the infrastructure management, environment configuration & application deployments
* Applying Git, Jenkins, Maven, Ansible, for building ci/cd workflows with various tools which are part of ci/cd pipeline tools
* Building deployable artifacts from source code by applying Maven as a build tool
* Working on containers and Docker containers linking, Docker Images and Files; managing ports and public repositories and private registries in Docker
* Executing developer workspace by setting up multiple tomcat servers and project configuration enablement
* Utilizing Environment including; **GIT, MAVEN, JENKINS, AWS, ANSIBLE, DOCKER,K8S and HELM**

**Projects Undertaken:**

|  |  |
| --- | --- |
| **Project:****Period****Description:****Responsibilities:** | Under Vehicle Scanning System (UVSS)Jul’16- Till DateThe objective of the UVSS is to detecting Explosives, Drugs and other objects in Underside of the vehicle. Under Vehicle Scanning System(UVSS) provides high resolution stitched image of the underside of the vehicles. It scans vehicles of all categories and sizes. Scans any moving vehicle (upto a speed of 40 km).* Maintaining automated CI/CD pipelines for code deployment to Tomcat Server
* Improving and monitored cloud infrastructure on AWS, EC2, S3, and RDS, including backups, patches, and scaling
* Deploying Docker containers to break up monolithic app into microservices
* Working on Docker container to create docker images for different environments
* Installing and configured jenkins master and slaves nodes
* Using Kubernetes for managing Docker orchestration and Docker containerization
 |
|  |  |
| **Project:****Period****Description:****Highlights:** | Tactical Access SwitchJun’15 – Jun’16TAS is a multiservice platform that supports interoperability and convergence over high B.W in the static as well as Tactical Battle Area (TBA) to connect Army’s disparate and often incompatible voice and data networks. It will provide local/trunk switching based on IP technology and VOIP including video as well as aggregation and switching facility for traditional TDM voice switches.* Worked on Compliance testing of Rack (TAS): Vibration, EMI/EMC and environmental testing
* Troubleshot and tested boards
 |

 |
| personaldetails24x24icons Personal Details**Date of Birth: 04th June 1993****Languages Known:** English & Telugu **Address:** Bangalore |