|  |  |
| --- | --- |
| **Sandeep Varma N**  Targeting senior level assignments in **DevOps Engineering and Team Management** with a leading organization of repute  **Preferred Location:** Bengaluru, Hyderabad  nsvarmaqtp@gmail.com  +91 9535667667 | |
| **CORE COMPETENCIES**    DevOps Build and Engineering  Software Configuration Management  Application Lifecycle Management  Troubleshooting  Risk & Compliance  CI/CD Development & Implementation  Cloud Operations & Management  Liaison & Coordination  Team Management & Leadership  **CERTIFICATIONS**   * Certified **ISTQB-Foundational** Level * Certified **ISTQB-Advanced** Level   **TECHNICAL SKILLS**   * **Version Control Tool**: GIT, SVN, Bitbucket * **CI Tool**: Jenkins, Bamboo * **Containerization Tool**: Docker * **Orchestration**: Kubernetes * **Configuration Management Tool**: Ansible * **Bug Tracking Tool**: JIRA, RQM, Elvis * **Scripting**: Shell Script (Bash) * **Build Tool**: Maven and Make * **Operating System**: Linux, Windows, RHEL, Ubuntu * **Web Servers**: Tomcat8   **SOFT SKILLS**    Collaborator  Team Leader  Analytical  Communicator | **PROFILE SUMMARY**   * Goal-oriented professional with **over 7 years** of experience in **DevOps Engineering** **and** **Automation Testing** * Executed environment setup on development, QA environments and managed the automated deployments using scripts * Experience in **Docker Kubernetes build scaling and monitoring the services and GITLAB** * Expertise in monitoring the environments and troubleshooting the issues on application from the orchestration engine Jenkins and experienced in installation and configuration application servers tomcat and automated deployment process using python scripting and shell scripting automation * Proficiency in CI-CD setup. Created build jobs, set up distributed builds using **Jenkins master/slave concepts** * Leveraged collaborative skills in liaising with **stakeholders like client, management, vendor/consultant**, mapping requirements and ensuring effective translation of business needs into technology requirements; managed iterative application development projects using **Agile Methodologies** * Experience on **Deployment Automation & Containerization** (Docker, Kubernetes) * Excellent in **mapping client’s requirements, and designing customized solutions**; strong customer-centric approach and motivated to deliver quality results * Generated **branches, tags and merging the source code** between different branches in **GIT** * Performed build activities by using Maven, created and modified build configuration files including POM.XML Dependencies and automation * Technocrat with specialization in end-to-end **IT Infrastructure & Cloud Operations (Public, Private & Hybrid Cloud)**; directed the business operations by deploying, automating, managing & maintaining **Cloud-based System** to ensure availability, performance, scalability and security * Managed the **Software Testing** **Lifecycle (STLC),**  **Software Development Lifecycle** (SDLC) using the **Agile (Scrum/Sprint) methodology** * Experience in automating build and deployment workflows using **GIT, JENKINS, MAVEN, DOCKER, KUBERNETES** and **ANSIBLE** * Proficient in Version Controlling System such as **GIT** * Experience in defect tracking tools such as **JIRA, ELVIS & RQM** andAutomation tool such as **RFT** * Performed build activities by using **Maven**, created and modified build configuration files including **POM.XML Dependencies and automation** * Verified deployment logs to check for successful deployments in **Apache Tomcat Server** * Skilled in working on **deployed packages** (WAR and EAR) in various environments such as **system test, QA, UAT and production**   **CAREER TIMELINE**    **Harman International India Pvt. Ltd.**  **Apr’12 May’18**  **Since Jun’19**  **IBM India Pvt. Ltd.** |
| **WORK EXPERIENCE**  **Since Jun’19 with Harman International India Pvt. Ltd., Bengaluru as Sr. Engineer 1 SW**  **Key Result Areas:**   * Working as the **integrator**; managing, coaching & mentoring a **team consisting of DevOps Engineers** responsible for containerization technology including **Dockers, Kubernetes and so on** * Steering efforts towards **CI/CD pipeline implementation** for diverse range of applications as well as administering automation * Evaluating existing applications & platforms and providing recommendations for enhancing performance via gap analysis, identifying the most practical alternative solutions and assisting with modifications * Troubleshooting production issues and coordinating with the Development Team to streamline code deployment * Assessing business /technical problems and suggesting best-fit solution and architecture, proposing techniques, frameworks and algorithms, and providing technology consultation; defining the solution and deploying the same using the next generation technologies * Directing complete program management activities including scope management, resource management, budgeting and SLAs management for complex engagements * Spearheading complete Site Reliability Engineering, Incident, Problem & Change Management and Application Resiliency; monitoring uplift & coordinating with cross-functional teams to on-board new applications & implement automation * Preparing the images on docker pull the docker hub for required images * Monitoring Windows and Linux server and troubleshooting the issues * Planning and scheduling the QA, Stage, production deployments, preparing the release schedule and communicating across different teams * Developing and building, installing and configuring IT solutions; implementing reusable components and translating technical requirements * Assisting with all stages of test data, developing interface stubs and simulators and performing script maintenance and updates * Building automated deployments through the use of configuration management technology; deploying new modules and upgrades and completing fixes within the production environment   **Apr’12 – May’18 with IBM India Pvt. Ltd., Bengaluru as Test Analyst**  **Highlights**:   * Defined the **scope of testing** and produced/managed test planning documents for all releases; estimated effort for each release and procured the number of resources required * Managed the adoption of various **test automation tools** such as Selenium for functional test automation * Supervised **test plan execution** and reported the results of execution on new hardware, software, and solution products; coordinated test execution across multiple test organizations * Gathered and analyzed data in support of business cases, wrote test plans and scripts for tracking defects and fixes in product development, software application development, information systems, and operations systems * Provided information related to software bugs and defects by collecting, analyzing, and summarizing development & service issues; conducted **User Acceptance Testing** (UAT); supported clients during Testing Weeks to build and strengthen their confidence in products * Created comprehensive software testing plans that included resource requirements, schedule assumptions, and scope based on inputs from Development, Sales, and System Test Management which included coordinating test plans across multiple test organizations and facilities   **EDUCATION**  **B.Tech. (Information Technology)** from M.G.R Engineering College, Chennai with 74%  2008  **PERSONAL DETAILS**  **Date of Birth:** 28th August 1985  **Languages Known:** English, Hindi &Telugu  **Address:** Bengaluru | |

**Please refer annexure for project details**

** Annexure**

**Project**: Daimler (Mercedes Benz)

**Client**: Daimler Project (Mercedes Benz)

**Defect Tracking Tool**: JIRA, Elvis,

**Environment**: GIT, SVN, Bamboo, Confluence, Maven, Docker, and Kubernetes, Bit Bucket, Perforce¬¬

**Role**: DevOps Engineer and Build and Release Engineer

**Period**: SinceJun’19

**Highlights**:

* Working on GIT repositories, managing releases and branching activities for GIT
* Managing multiple builds from Development team, create build jobs in Bamboo and perform deployment activities
* Creating jobs using Bamboo Manage installations of node, deployment configuration and administration backup
* Developing application, reports and script ready for the release on time
* Confirming deployment logs to check for successful deployments
* Executing end-to-end automation of Build and Release Cycle
* Installing IPK’s in HU and Automation testing the CarPlay, Android Auto, Mirror link and CarLife
* Participating in Integration raising PR and Running Build in Bit Bucket
* Configuring Scheduled builds, Nightly builds in CI tool Bamboo
* Automating build process used for Java applications using Bamboo
* Engaged in Branching, Tag and Merging of code delivery at required releases
* Building the Docker containers by using Docker images
* Installing IPK’s in HU and Testing the Carplay, Android Auto, Mirror link and Carlife
* Using Kubernetes to orchestrate with deployment, scaling and management of Docker Containers
* Building /maintaining Docker container, problem /Issues and troubleshooting in Docker build
* Leading Daily PR call (Agile calls) NTG6 and NTG7 Projects and download Software Version from J Forg Artifactory and Flashing in HU NTG6 and NTG7

**Project**: Car Hound

**Client**: Car Hound (UK)

**Defect Tracking Tool**: JIRA; **Environment**: GIT, Maven, Tomcat, Jenkins, Ansible, Docker, and Kubernetes, Java

**Role**: DevOps Engineer

**Period**: Since May’16

**Highlights**:

* Maintained GIT repositories, managed releases and branching activities for GIT
* Led multiple builds from Development Team, create build jobs in Jenkins and perform deployment activities
* Created jobs using Jenkins. Manage installations of node, deployment configuration and administration backup
* Made application, reports and script ready for the release on time
* Verified deployment logs to check for successful deployments
* Performed end-to-end automation of Build and Release Cycle
* Engaged in Deployment of the application using Tomcat
* Configured Scheduled builds, Nightly builds in CI tool Jenkins
* Automated build process used for Java applications using JENKINS
* Created the Docker containers by using Docker images
* Installed & Configured Apache Tomcat web server
* Kubernetes is being used to orchestrate with deployment, scaling and management of Docker containers
* Built /maintained Docker container clusters managed by Kubernetes

**Project**: Internet Digital Marketing

**Client**: Flipkart

**Environment**: Git, Maven, Jenkins, Tomcat and Java

**Role**: Build & Release Engineer

**Period**: April 2014 to May 2016

**Highlights**:

* Utilized RFT for bug tracking; maintained Sprint cycles in JIRA
* Generated User Stories for DevOps Team as per client’s requirement
* Executed end-to-end automation of Build & Release Cycle; created pipeline based Jenkins Builds
* Created the branch and merge strategies on Git
* Engaged in creating GIT remote server accounts and assigning privileges

**Project**: Electronic Statement; **Title**: Electronic Statement

**Client**: American Express Bank

**Environment**: JAVA, HTML, JavaScript and Oracle8.0, RFT, RQM

**Period**: Apr’12 – Feb’14