**Bhargavi Mallidi**    ITIL Certified Technicians

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**Summary**

As an experienced Information Technology professional with a 20-year tenure, I had an opportunity to work in different roles including DevOps Lead, Software Configuration/Release Manager, and Build Deployment and Release Engineer. My technical expertise includes cloud implementations on platforms such as Azure and AWS, with a hands-on approach to implementing CI/CD pipelines, Configuration Management, Project Management and JAVA and Mainframe development.

My proficiency in Azure and AWS services is complemented by my experience in provisioning Azure Infrastructure as Code (IaC) using Terraform, and orchestrating CI/CD pipelines with Jenkins for both Java and .NET applications. I have experience with an array of DevOps tools including Jenkins, Kubernetes, Terraform, Docker, Nexus, and SonarQube, and have a strong background in build processes within J2EE and .NET environments utilizing tools like Ant, Maven, and MSBuild. With over a decade of experience in Configuration Management, I am adept at using tools such as SVN, GitHub, GitLab, and ClearCase.

As a strong team player a reliable communicator, I bring organizational, analytical, and logical skills to the table. My people and problem-solving abilities have been instrumental in leading DevOps teams, managing initiatives, and mentoring intern trainees. My contributions have also extended to proposal writing within the DevOps domain. With my expertise in DevOps area, I look forward to bring my of knowledge and experience to the team, adding value and driving success.

**Education**

Bachelor of Technology in Computer Science & Engineering, Nagarjuna University, India.

**Certifications**

* AWS certified cloud practitioner - 2020
* PMP -2017
* Certified Scrum Master -2017
* ITIL V3 foundation Certification – 2013
* Sun Certified Programmer in Java 2 Standard Edition 1.4 (SCJP) -2005

**Skills**

* **Configuration Management and Defect Tracking:** Gitlab, Rally, Subversion, GIT, Clearcase, ClearQuest, Serena Business Manager, Dimensions, JIRA, Rational Jazz
* **DevOps tools:** Jenkins, Docker, Terraform, Github actions, Artifactory, Docker, Chef, Sonarqube, Nexus, Splunk
* **Languages:** C, COBOL, SQL, PL/SQL, Unix Shell Scripting, Perl, XML, HTML, UML, Core Java, JSDK, JSP, Servlets, JDBC, Struts 1.2.x
* **Databases:** MicroSoft SQL server, Oracle, DB2, mysql, Teradata
* **Web/App Servers:** JBOSS, Apache Tomcat, Weblogic, IBM Websphere, IIS Server

**Work Experience**

**Optum Technology Mar 2021 - Till Date**

**Roles:** **DevOps Lead**

**Responsibilities:**

* DevOps Lead for UHG InteroperabilityAPIs
* Configured CI CD pipelines for .net and JAVA microservices in Jenkins using Pipelines as Code (PaC)
* Provisioned Azure Infrastructure using Infrastructure as Code (IaC) with Terraform and Azure Bicep
* Github administration ( Creating/Managing repositories, setting up protection rules, webhooks)
* Managed public cloud cost optimization using cost management app
* Experience with Change Incident and Problem Management using Service now.
* Enterprise Vulnerability management
* Managed and Supported Code and Infrastructure releases
* Program level Azure service migrations and upgrades
* Adhering and maintaining the infrastructure to comply with UHG enterprise Cloud policies
* Deploying and Managing Azure Kubernetes Cluster (both Public and Private AKS)
* Working with Microsoft Azure support teams and Involved in solution provisioning
* Secret and Certificate management and administration using Hashicorp Vault
* Release Coordination and supported Deployments to Production
* Worked with external customers prior to releases and vendor onboarding to demonstrate the application

**Ventera Corporation April 2019 – Dec 2020**

**Role: DevOps Lead**

**Responsiblities:**

* Worked as DevOps Lead for STATS ( Department Of Homeland Security)
* Worked on migrating the DEV, Test, STAGE and PROD environments to AWS
* Github to GitLab migration
* Administration and License Management for GitLab, Rational Jazz
* Used various AWS services like IAM, EC2, S3, VPC, RDS, Cloud Formation
* Used Search Queries and dashboards in Splunk to monitor PROD logs
* Provided Release documentation, End of the Sprint Documentation to the client
* Designed and Implemented the DevOps stack including GitLab(initially GITHUB), Jenkins, Nexus, SonarQube on both AWS and On-Prem data-center
* Involved and guided in the installation and configuration of each of the component in the DevOps stack
* Setup Branching Strategy for the repositories and prepared the Configuration management plan
* Configured Jenkins slaves in windows to improve the build performance
* Coordinating and Weekly status reporting with the client team during the AWS migration
* Contributed in Proposal writing for DevOps area
* Release Coordination and supported Deployments to Production

**CGI Federal, Fairfax VA Sep 2013 – Mar 2019**

**Role:** **Release and Configuration Manager**

**Responsibilities:**

* Build and Deployment manager for HIOS and Open Payment Applications (CMS)
* Coordinated Deployments between multiple parties and ensured deployment with 100% success rate.
* Created and developed the initial deployment workflow in JIRA
* Involved in creating Operating Manual for support
* Configuration Management using Subversion & subversion administration
* Implemented Continuous Integration Using Jenkins
* Mentored CM specialists and experience with managing direct reports
* Preparing and delivering deployment artifacts to the deployment team
* Experience with parallel releases and multiple branches
* Coordinating with stakeholders and preparing release calendar , FSC
* Hosting CCB meetings
* Release Management communications
* Prepared a plan for a pilot project using Jenkins, Puppet and Docker.
* Deployment management and Coordination

**USPS, Arlington VA Jan 2013 – Sep 2013**

**Role:** Senior Configuration & Release Management Specialist

**Responsibilities:**

* Configuration Management using Subversion.
* Branching, Merging, Tagging and svn administration for parallel releases
* Implementing continuous Integration using Jenkins
* Java builds using ANT
* Build and deployment to Multiple DEV/SIT and UAT environments
* CAT and PROD environment support
* Change and Incident Management using Remedy
* Used WebSphere as web/app server
* Played Release Manager Role on rotation basis.
* Troubleshooting builds and deployment issues

**Freddie Mac, Reston VA Jul 2011 – Jan 2013**

**Role:** Build, Deployment and Release Engineer

**Responsibilities:**

* Involved in Build and Deployment of various applications in production and nonprod environments
* Involved in writing scripts to automate deployment process using Perl and Shell
* Used Remedy for Incident and problem management
* Responsible to implement and communicate defined process to the customer
* Worked on Maven and ANT scripts
* Implemented Continuous integration with Jenkins
* Interacted with different project team to make them understand TCM processes and helping them with day-to-day issues.
* Experience with Microstrategy deployments
* Resolved the issues while doing the J2EE build and deployment
* Release management experience as per ITIL guidelines

**FannieMae, Herndon VA Jul 2010 – Jul 2011**

**Role:** Configuration Management Analyst

**Responsibilities:**

* Manage Application specific Config settings for various applications
* Build and Deploying in Lower environments and in Production
* Branching, Merging and working on Branch/Merge Strategies
* Involved in updating CM plan, version control, CCB meeting organization, baseline management, traceability, status accounting and audit reports
* CM server administration
* Version Control Upgrades
* Deployed on Websphere Application Server.
* Build Automation using Hudson
* Involved in Microstrategy administration ,Deployments, License Management and software upgrade
* Coordinating releases as release manager.
* Source code management and administration

**Freddie Mac, Reston VA Jun 2008 – Jun 2010**

**Role:** Configuration Management Analyst

**Responsibilities:**

* Implemented Freddie Mac Technology Development Model using IBM ClearCase and ClearQuest tools for the development and maintenance of Freddie Mac applications
* Experience in working in ClearCase(Base CC & UCM model) in both Windows and UNIX environments
* Responsible to develop, implement and communicate defined Change Management process
* Responsible for creating Change Management environment for new projects in ClearCase and ClearQuest
* Created UCM and base ClearCase VOBs to support version controlling
* Created ClearQuest environment for Issue and defect tracking solutions
* Responsible for the identification and versioning of configurable items, and to define and control the changes
* Involved in streamlining Release management
* Responsible for change management deliverables for all supporting projects from initiation to the closeout phase, which include CM plan, version control, CCB support, baseline management, traceability, status accounting and audit reports
* Helped users in resolving day-to-day issues with ClearCase

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**Travelers, St. Paul, MN Feb 2007 – May 2008**

**Role:** SCM Analyst

**Responsibilities:**

* Implementation of CM using ClearCase UCM model and Clear Quest.
* Administration of CVS and WinCVS, Migration from CVS to Clearcase
* Implemented SCM solutions in combination with agile methodologies
* Create and maintain the Configuration Management Plan
* Defining and communicating policies and procedures for build and deploy.
* Document the policy and procedure for branching, labeling, merging, check in/checkout.
* Develop and enhance the automated build and deployment system
* Verified and released the ClearCase builds to the client. And ensured that the builds were consistent after being ported from different platforms.
* Involved in Chance control board (CCB) meetings and discussions and conducted status accounting and audits for the projects

**All State Insurance, Chicago Jan 2006 – Feb 2007**

**Role:** Java/J2EE developer

**Responsibilities:**

* Used WebSphere Studio Application Developer for building, testing, and deploying applications
* Used WebSphere to develop the Entity Beans where transaction persistence is required and DataSource was used to connect to the DB2 database.
* Developed the web application using the Struts framework and involved in developing several Dispatch actions and base Action Classes for wrapping of business logic
* Developed the presentation layer and GUI framework in HTML, JSP and Client-Side validations were done using java script.
* Implemented validation at various levels of the application using Struts validation framework
* Deployment and administration of components done using WSAD

**Fidelity National Financial, Malvern, PA Apr 2005 – Jan 2006**

**Role :** Mainframes Developer

**Responsibilities**:

* Created the basic system flow diagrams in VISIO for all the requirements
* Designed user interface screens using CASEGEN and COBOL for input/ output programming
* Developed various COBOL programs to interact with web services,

And used MQ Series for transferring data between the heterogeneous applications. RTSMQAPI is used as API

* Developed JCL and JCL procedures to enable download/ upload source modules to/from tape, mass compiles of COBOLII / DB2, DB2 Binds, Table definitions, Table load/unload, Synonym definitions.
* Instituted new data definitions for system enhancements using QMF, SPUFI.
* Executed the Unit and System Test cases.
* Prepared User Manual, High level technical design document as per ISO 9001 Quality Standards.

**i-Nest Solutions, Hyderabad, India Jul 2004 – Feb 2005**

**Role:** Mainframes programmer

**Responsibilities**:

* Creating and modifying jobs as required
* Online/Batch programs have been modified for the new requirements using COBOL II , IMS DB/DC
* Preparations of Unit test plan.
* Testing of enhanced programs in development region with the prepared unit test plans and to compare the test results with the expected results.