**MURALI MOHAN .B**

Technical Lead

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**Professional Summary**

* Over 10 years of IT experience in Software Configuration Management, Build Management, and Release Management.
* Hands on experience in writing Gitlab **yml** file for various stages in the pipeline.
* Integrating various tools such as **QUANTUM**, **JASMINE**, **SONARQUBE** and **IIB Toolkit** in Gitlab pipelines.
* Experienced in Building and Deploying and Configuring Process and Implementation from local **QA** Environment to **UAT** and **Production**.
* Extensive experience using **MAVEN, ANT, NPM** and **IBM Toolkit** as build tools for the building of deployable artifacts (**jar, war & ear**) from source code.
* Build, Configure, Manage and Coordinate all Build and Release Management activities.
* Experience in working on source control tools like Tortoise **SVN**, **GIT** and **GITLAB.**
* Expert in deploying the code through web application servers like **Apache Tomcat**.
* Having strong Automation skills with respect to **Build/Deploy process.**
* Experience in **JENKINS** to schedule a job as per the requirement, report monitoring and notification functionality to report success or failure.
* Experience in working with Code Analysis Tool **SONARQUBE**.
* Good Knowledge in **Kubernetes** and **Azure Devops**.
* Experienced in Querying RDBMS such as **MY SQL and SQL Server** and NoSQL Databaseslike **MongoDB**.
* Maintaining Repository and New user creation/user deletion and set up archive with groups and roles.
* Ability in managing all aspects of the software configuration management process including code compilation, **packaging** / **deployment** / release methodology, and application configurations.
* Experience in development web applications using ASP.NET, C #.NET, ADO.NET, MVC.

**Work Experience**

* Working as a Technical Lead With **Photon Interactive Private Ltd, Bangalore** June’21 to Tilldate
* Worked as a Technical Specialist for **Mindtree Ltd, Bangalore** Jan’18 to Oct’20.
* Worked as a DevOps Engineer for **Tech Mahindra, Bangalore** Nov’14to Dec’17.
* Worked as a Build and Release Engineer for **Infosys,** Hyderabad since June’13 to Oct’14.
* Worked as a DotNet Developer for **People Tech Group**, Hyderabad since Dec’09 to May’13.

**Technical Skillset**

* **Operating System**: Windows, Ubuntu, CentOS, RHEL.
* **Scripting**: Shell, PowerShell.
* **Languages**: JAVA, C#.Net.
* **Web Technologies:** Asp.Net, HTML.
* **Server**: Apache Tomcat, MS-IIS.
* **Issue Tracking**: JIRA, Gitlab Issue Board.
* **Version Control**: GIT, SVN,GITLAB.
* **CI Tools**: Jenkins, Gitlab CI, Azure DevOps.
* **Monitoring**: Nagios.
* **Build Tools**: Maven,NPM, Ant, IBM ToolKit And Visual Studio.
* **IAC Tools**: Chef, Ansible, Terraform.
* **Cloud**: AWS, Azure.
* **Databases**: SQL Server, MySQL, MongoDB.
* **Deployment Tools :** XL Release, XL Deploy
* **Containerization:** Docker

**Professional Experience**

**Molekule June ’2021 to Oct’ Till date**

**Technical Lead**

**Responsibilities:**

* Creating various Jenkins jobs to deploy AWS Lambda Functions.
* Involved in **WAF** Configuration and created Web ACL rules.
* Involved in ReactJS deployment using Terraform and Cloud Formation.
* Involved in **ECS** Deployments and provisioning AWS resources using Cloud Formation.

**Lincoln Finance Group. Jan ’2018 to Oct’2020**

**Technical Specialist**

**Responsibilities:**

* Automate the build process using various CI/CD tools such as **Git, Maven, Gitlab and J-Frog**.
* Involved in source code migration from SVN to Gitlab.
* Implemented Gitlab yaml file with various stages such as create image, and publish to **ECR**.
* Setup and Maintenance of **AWS ECS** pipelines along with Legacy Application Templates.
* Creating AWS resources such as **EC2, VPC, S3 and MongoDB** using **Terraform** and created Terraform modules.
* Implemented end-to-end pipeline till PROD using **Gitlab, XL Release and XL Deploy.**
* Creating AWS resources such as EC2, VPC and S3 using Cloud Formation templates.
* Integrated various tools with Gitlab like SonarQube, Jasmine for Static code analysis and Fortify for security scans.
* Create different XL Release templates to trigger a release for various environments like Dev, Test/UAT, Pre-Prod and Prod and tracking release status.
* Integrated Quantum framework with Gitlab for functional testing, and work with testing team to resolve testcase related issues.
* Integrate IBM tollkit with Gitlab and perform different jobs like generating bar files in linux environment, uploading to Artifactory, Deploying in Dev environment.
* Created various docker images for MAVEN and NPM builds.

**Global Foundries, Malta, NY. July’2016 to Dec’2017**

**DevOps Engineer**

**Responsibilities:**

* Automating The Build process using **Git**, **Jenkins** and **MAVEN** .
* Managed builds and wrote Build scripts for JAVA and Apache Tomcat based applications.
* Maintained source code repository in **Git** .
* Worked on writing the recipes and creating the **AWS** **EC2** instances.
* Experience with building the **Chef** cookbooks.
* Automated deployment of builds to different environments using **Apache** **Tomcat**.
* Created Continuous Build Process using **Jenkins**.
* Implemented continuous integration using the Jenkins, which tracks the source code changes.
* Debugged Build failures and worked with developers and **QA** people to resolve the related issues.
* Perform various builds for the **QA**, and **Production** **Environments**.
* Worked on **Nagios** monitoring tool.
* Managed builds and made necessary changes to Ant build scripts for Java/ Apache Tomcat based applications.
* Worked on automating application deployment and configuration through chef Tool.

**Unisys, Harrisburg, PA Nov’14 – June’16**

**DevOps Engineer**

**Responsibilities:**

* Developed and supported the Software Release Management and procedures.
* Implemented **GIT** branching and merging operations for Java Source Code.
* Setup different environments for build, (Development, Test, Pre-production and Production).
* Created **Release Branches** for Parallel development.
* Configurations, setup and building of interfaces and modifying the flow to give the opportunity for re-use scalability and functionality.
* Automated the build and release management process including monitoring changes between releases.
* Created **GIT** configuration record for builds using derived objects generated during build audit process.
* Responsible for building and releasing packages for testing.
* Deployed the Java applications into web application servers like **Apache Tomcat**.
* Executed user administration and maintenance tasks including creating users and groups, reports and queries.
* Used **Jenkins** to perform automated Builds and Deployments.
* Expert in User Management and Plug-in Management for **Jenkins**.
* Performed deployments to machines in Amazon Cloud.

**Walmart, Bentonville, AR June’13 to Oct’14**

**Build and Release Engineer**

**Responsibilities:**

* Primary responsibilities include Build and Deployment of the **java** applications onto different environments like Dev, QA, UAT and Prod.
* Integrated Maven with Shell scripts created in Bash to automate the deployments for the Java based applications.
* Managed the deployment activities for multiple server instances by enabling password less SSH communication between the servers.
* Developed build scripts using **MAVEN** as the build tool for the creation of the build artifacts like war or ear files
* Managed branching and Merging in a multi-project environment using **GIT.**
* Automated the Build and Deployment process using **Jenkins** and **Apache Tomcat.**
* Worked on implementing the C.I process using bamboo tool for other teams.
* Integrated maven with Jenkins to implement the continuous integration process.
* Performed weekly and on-call deployments of application codes to production environments

**A+, Ramp Technology Group Nov’2011 to June’2013**

**Developer**

**Responsibilities:**

* Analyzing the Functional Specification Design and Coding.
* Designing and Developing the Transaction web pages.
* Involved in writing Linq queries and SQL scripts.
* Validations using JavaScript and JQuery.
* Involved in Unit testing and debugging.

**Environment**: MVC, C#.net, HTML5, SQL Server, JavaScript, Entity Framework.

**HomeInAP, Internal Project Mar’2011 to Oct’2011**

**Developer**

**Responsibilities:**

* Responsible for requirement Analysis, Design, Development.
* Responsible for User Interface Design.
* Involved in writing SQL scripts like tables, stored procedures using SQL Server 2012.
* Involved in validations using JavaScript.
* Involved in Unit testing and debugging.
* Involved in Testing and Bugs Fixing.

**Environment**: Asp.Net, C#.net, SQL Server, JavaScript, JQuery.

**ECMS , Ramp Technology Group Dec’2009 to Feb’2011**

**Developer**

**Responsibilities:**

* Analyzing the Functional Specification Design and Coding.
* Involved in requirement Analysis, Design and Development.
* Responsible for User Interface Design.
* Validations using JavaScript and JQuery.
* Involved in validations using JavaScript.
* Involved in Unit testing and debugging.
* Involved in Testing and Bugs Fixing.

**Environment**: Asp.Net, C#.net, SQL Server, JavaScript.

Education

Master of Computer Applications from Periyar University, TamilNadu.