UMESHA V A

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Career Summary

- Over 7+ years of experience in Information Technology industry in various roles with experience in DevOps, Migration, Software Integration, Configuration, Build & Release management.
- Experienced in setting up the end-to-end CI/CD with Jenkins Pipeline as Code.
- Good knowledge in administration of gitlab and writing gitlab-ci.yaml file to enable auto devops CI/CD pipeline.
- Experience in administration, maintenance, support and upgrading of tools like Jenkins, Jira, confluence, artifactory, Github.
- Good experience in automating web application process using python integrated selenium and helium.
- Good experience in Software Configuration Management, Build/Release Management, Subversion, GIT along with Shell, Python, python selenium, python helium, Windows batch and PowerShell Scripting.
- Experience in scripting languages including Shell Scripting, Batch scripting and build automation using ANT, MAVEN.
- Experience in configuring and maintaining the Webservers like Apache, nginx and App server like Apache Tomcat, WebSphere and WebLogic.
- Good Knowledge in Ansible (playbook) and CHEF (cookbooks) for managing all the configurations for all the components involved in the complete application life cycle.
- Good knowledge in Microservices which includes Docker and orchestrating the Docker containers.
- Generated reports using Sonar (Integration with Jenkins) which covers different areas of Code quality like potential bugs, code coverage, coding rules.
- Software Configuration Management Support with Branching and Merging strategies, Version Control Systems, Integration Management, Build/Release Management and Requirement Management.
- Capable of handling multiple tasks and work effectively both in a group and as an individual to meet deadlines.

- Good understanding of processes in Software Development Life Cycle, Project roles and CM plans.
- Interacting with Dev/QA team managers to meet tight deadlines.

Skills

Operating Systems	Windows, Linux
Version Control	Subversion, GIT, perforce
Git-repository Manager	GitLab GitHub, Bitbucket
Build Tools	Maven, Ant, Finalbuilder
CI/CD Tools	Jenkins (Pipeline as code), Bamboo, TeamCity, Continua
Cloud Computing	AWS, GCP
Private Cloud	VMWare
Tracking Tools	JIRA
Scripting Languages	Bash, batch, Python (selenium and helium), PowerShell, YAML
Web Servers	Apache Web Server, nginx
Application Servers	Apache Tomcat, Weblogic
Log Management Tools	Splunk
Server and Application Monitoring Tool	SolarWinds
Microservices	Docker
Micro services Orchestration Tools	Harbor
CM Tools	CHEF
Development Tools	Eclipse
Databases	MySQL
Repository Manager	Artifactory, Nexus
Mobile tools	Android SDK, iOS (Xcode 11.0)

Work Experience

RSA India Pvt Ltd, Bangalore (Product**: ARCHER)**
Duration: August 2018 to Till Date
Designation: Senior Software Engineer

Roles and Responsibilities:

- Created an end-to end CI/CD pipeline with Jenkins pipeline as code.
- Administering and managing Jenkins (Master, Slaves) as a high-available application.
- Administering and upgrading enterprise tools like Github, Jira, Confluence, Artifactory to latest market versions.
- Contact Vendors for enterprise tools if any issues during upgrade or maintenance.
- Automating the day-to-day sysadmin activities with python and other scripting languages.
- Building and deploying the application on Web and App servers like Apache, Tomcat, WebLogic.
- Automating web applications using python scripts by integrating selenium and helium packages.
- Automated Jira and confluence (using REST APIs) user access creation and license count and sending alert emails when user license limit meets threshold using PowerShell, python-selenium.
- Automated copying final packages to GM (GoToMarket/Release to Operations) locations using powershell using Winscp console scripts.
- Automated uploading of files into Microsoft sharepoint using python and helium package.

Tools and Languages: VMWare, Jenkins, Docker, Python, python-selenium, python-helium and Shell Scripting, PowerShell.

ITRON India Private Limited
September 2017 to August 2018
Roles and Responsibilities:

- Automating tasks and process through PowerShell, Python and shell scripting based on requirement.
- Administered Microsoft VSTS tool, creating tickets in Salesforce and managed the access for users.
- RCA for all the issues faced during Application deployment.
- Providing appropriate Low-Level Plans of B&R activities to the Project Manager
- Performed daily backups of the complete configurations and storing them in GIT in case of any fail overs.
- Administration of SolarWinds and monitoring all servers.

Tools & Languages: Shell, Tomcat, CentOs, Azure, Microsoft VSTS, SolarWinds, Salesforce, VMware, Powershell, Python (Selenium) and shell scripting.

Sapient Consulting Pvt. Ltd., Bangalore
Duration: August 2013 to September 2017
Designation: Associate Infrastructure Engineer L2

Roles and Responsibilities
- Creating the end-to-end Continuous Integration (CI) and Continuous Deployment(CD) Pipelines.
- Administered the GIT, subversion and managed the access for users of the subversion repositories.
- Extensive experience in Branching, Merging, Integrating, Labeling and Resolving tasks in Perforce as well as instituting accurate and automated build and release methodologies.
- Handled all Patch and Hot fixes release related activities including setting up the build environments, completing the builds, communicating with team members to start dependent builds, uploading the files, preparing the release notes, updating the release portals which are accessed by customers.

- Scheduling in Team City: Creating new projects, VCS Roots, adding compatible agents, setting checkout rules and triggering rules.
- Migrated source code from svn to Git without affecting development cycle.
- Review Release Process & introduce new SCM policies.
- Automating the complete SDLC from lower environments to till production.
- Building and Deploying the application on App and Web servers like Apache, Tomcat and WAS.
- Work directly with Project Managers to create & design the release plan.
- Interact with developers and Enterprise Configuration Management Team for changes to best practices and tools to eliminate non-efficient practices and bottlenecks.
- Coordinating with Project Managers and development teams to ensure accurate and complete tracking of code moving to production.
- Integrated the existing Ant scripts to automate the code quality report generation process for the existing legacy-based applications.
- Helping the team by planning, designing and automating the build and release process.
- Provided single click build and deployment automation using Jenkins by integrating the SHELL scripts.
- Migrating automated scripts from batch to powershell.
- Integrated android sdk and iOS Xcode emulators in Jenkins to create apks and ipa build packages.
- Automated CD process through Jenkins by deploying apks and ipa files into emulators and uploading them into hockeyapp repository.
- Debug and resolve all build and deployment related issues.
- Implemented Docker setup for Developers using Kubernetes which will keep the developers away from the dependencies with operations team.
- Implemented Jenkins Pipeline as a code for as we can scale the same pipeline with the code in any of the servers with specific versions.
- Performed daily backups of the complete Jenkins configurations and storing them in GIT in case of any fail overs of the existing Jenkins.
- Generating the code coverage reports and pushing it to sonar dash board.
- Involved in monthly release process to Production Staging and Live environment's by driving the release plan and cutover.
- RCA for all the issues faced during Application deployment.

- Providing appropriate Low-Level Plans of B&R activities to the Project Manager
- Involved in day-to-day CM support, resolving all configuration related issues, build related issues, conflicts, Architect/Design & implements SCM solutions for projects at different stages.
- Involved in deploying build on production environments.

Tools & Languages: GIT, SVN, Maven, Ant, Perforce, Teamcity, Jenkins, Bamboo, Shell, YAML, Tomcat, WAS, Apache Webserver, CentOs, Ant, Maven, Nexus, Artifactory, HockeyApp, Cobertura, Sonar, Docker, Kubernetes, Splunk, Andriod SDK, iOS Xcode

Education Details:

B.E. in Computer Scince & Engineering, VTU, Bangalore, Karnataka