**DevOps and Build Release (4.2 years of experience)**

**ARPITHA C N**

Email: **arpithacn28**@gmail.com

Cellphone: **6364580908**

**CAREER OBJECTIVE:**

To work in an environment that would hone my technical capabilities and interpersonal skills benefiting the organization and myself.

**PROFESSIONAL SUMMARY:**

* Around 4.2 years of experience as DevOps and Build Release Engineer.
* Have attain proficiency in written and verbal communication skills
* Able to work in a fast paced, constantly expanding environment
* Able to troubleshoot and resolve internal and customer problems in a timely manner
* Strong communication, interaction and customer service skills with end customers and staff Members
* Responsible for build and Release Management, Deployment Management, Environment Management, Incident Management.
* Automated builds and deployment of back-end, Front-end using Jenkins CI tool with automated code backup and restoration solution.
* Supporting daily and weekly builds to various environments including PROD go live release

**EXPERIENCE:**

Currently working as a DevOps Engineer at Tavant**, Bangalore** from **June 2017** to till date.

**TECHNICAL SKILLS:**

* Operating System : Linux, UNIX, Windows
* Build Deployment Tools : Jenkins, Hudson
* Build Environment Tools : Maven, Ant and Makefile
* Defect Tracking Tools : JIRA, Bugzilla,
* Version Control Tools : GIT, GITHUB
* Server Administration : Linux Build Server, apache Tomcat, Bugzilla, git, JIRA, Jenkins
* Scripting Languages : Unix Shell Scripting,
* Cloud environment : AWS
* Config management tool : Ansible
* Infrastructure as Code : Terraform
* Container : Docker
* Container-orchestration : Kubernetes
* Other tools : SonarQube, Docker, Artifactory, Helm Chart

**WORK EXPERIENCE:**

**Duration: June 2017- Till Date**

**Team Size: 5**

Project Details: Provide software for networking device that forwards data packets between computer networks. Routers perform the traffic directing functions on the Internet. Data sent through the internet, such as a web page or email, is in the form of data packets.

**Environment: Devops, Linux, bash scripting, AWS, GIT, GITHUB, Maven, Makefile, Jenkins, SonarQube, Docker, Ansible, Kubernetes, Terraform, Artifactory, JIRA**

**Roles and Responsibilities**:

* Installed and worked on Docker and Kubernetes
* Have worked on Container orchestration platforms - Kubernetes and Docker Swarm
* Works with Amazon AWS tools and assist in building infrastructure for various web applications, assist with documentation and security assessment
* Worked on Ansible. Able to write playbooks.
* Used to Infrastructure as a code **Terraform** to spin up the virtual network VPC and attaching security groups and network ACLs.
* Perform large number of manual deployments with help of terraform
* Implement and maintain continuous build and deployment mechanisms.
* Managing build infrastructures environment setups and monitoring daily operations in Jenkins.
* Maintained GIT workflows for version control (Source code Management)
* Developed and maintained automated CI/CD pipelines for code deployment using Jenkins
* Building tools and processes around CI/CD pipelines involving integrations with Jenkins, testing frameworks, GitHub, etc
* Orchestrate the provisioning, load balancing, dynamic configuration, monitoring and spend optimization of servers in the cloud environment
* Execute integration and migration work
* You will work to identify and drive improvements
* Setting up virtual environments for rapid development and testing.
* Responsible for creating branches, merging and resolving merging conflicts
* writing shell scripts to automate manual and repetitive tasks. Responsible for modifying and tuning existing scripts.
* Design and implementation of the CI/CD pipeline for Automotive SW Development projects
* Design, implement and maintain stable, efficient and well-organized Build and Release environments and processes
* Maintain a stable and well-organized tooling environment for the SW Development teams. Develop and upgrade tools and additional infrastructure as required
* Creation of release packages for delivery to the customer
* Reporting of build results to the PMs
* Coordinate user requests, and give user support concerning CI, Build, Configuration and Release Management issues
* Identifying and driving automation of tasks associated with continuous integration and release process
* Enough understanding to debug or specifies major component areas where major bugs or build failures occur.
* Experience in configuration management and release engineering in multiple branches environment
* Giving knowledge to developers about version control and build/ release concepts
* worked closely with application developers to devise robust deployment, operating, monitoring, reporting for the applications.
* Participated in the release cycle of the product which involves environment like Development QA, UAT.
* Used GIT for branching, tagging, and merging
* Taking care of Patch and Load build Requests from Development Team
* Helping developer issues that are related to version control.
* Generate report and send an email to managers about status of daily builds and weekly builds.
* Documenting SCM guide and responsible for maintaining it.
* Proven Track record in meeting the goals and delivering the deliverables within deadlines without slippages.

**ACADEMIC CREDENTIALS:**

**BE (CSE) JNNCE Shimoga** - VTU - Belgaum

**12th - Govt indp pu college Channarayapattana - Karnataka PU board**

**10th - Govt girls high school hirisave Channarayapattana -KSEEB**

**PERSONAL DETAILS:**

Date of birth : 28-08-1995

Pan Card : DECPA1360

**DECLARATION**

I hereby declare that all the above-furnished details are true to the best of my knowledge

ARPITHA C N