***Nagamandla Prashanth Curriculum Vitae***

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**EDUCATION & QUALIFICATIONS**

* Completed B.TECH in Information Technology from KAKATIYA University, India

**WORK EXPERIENCE**

* Overall Experience : 5 Years
* Working as AWS DevOps Engineer in Photon Infotech since Aug 2021
* Worked as Build And release in West Infotech PVT. LTD. from Oct 2016 to Aug 2021

**TECHNICAL SKILLS / AREA OF EXPERTISE**

**Operating Systems** **:** **Windows, Red hat Linux**

**Continuous Integration** **:**  **Jenkins**

**Build Tool**  **:**  **Maven**

**Version Control** **:**  **GIT, Github, Bit-bucket**

**Infrastructure Tool** **:** **Terraform**

**Web Server** **:**  **Apache HTTP**

**Container Tools : Docker, Kubernetes**

**Ticketing Tool** **:** **Jira**

**Configuration Tool** **: Ansible**

**Cloud**  **:**  **AWS**

**PREVIOUS EXPERIENCE**

**Company #1:** WEST INFOTECH

**Project #1:** WELLS FARGO PVT. LTD

**Role:** DEVOPS Engineer

**Duration:** November 2016– September 2018

**Technology have worked in :** Git, Bit Bucket, Jenkins, RedHat Linux, Maven, Ansible AWS

**Description:** Wells Fargo provides affluent and high net worth clients with a complete range of wealth management solutions including financial planning, private banking, credit, investment management and trust Team works to provide support to different sub groups under Wealth Support which in turn supports more than 200 applications.

**Responsibilities:**

* Created and maintain infrastructure in AWS cloud for different environments.
* To automate build process and packaging using the build script.
* Perform Build activities using Ant and Jenkins tool
* Handle multiple builds from development team, create build and perform deployment activities.
* Maintain Dev, QA, UAT & Production environments i.e. make sure they are always up and running.
* Setup and configuration of Jenkins CI tool for automated build & deployment process.
* Administration of Source code management tool-SVN.
* Creating Ansible Playbooks, to Deploy VM and install the Components as per requirements.
* Preparing Implementation plans for production deployment & getting it reviewed by respective stake holders.
* Provide application support and responsible for all environments.
* Automating deployment scripts.
* Jenkins CI, Continuous and administration.
* Maintain track of different releases that are being carried over in different environments
* Shared knowledge to the team members on SVN activities, Build, Packaging and Sanity Testing.
* Assist in the development, training, and maintenance of Configuration Management processes and work instructions pertaining to version control, software builds, revision management, versioning, and release process.
* Automated the build and release management process including monitoring changes between releases.
* Configure, monitor and automated cloud-based service Amazon Web Services.
* Created and managed custom Windows and Linux based AMIs
* Setup Elastic Load Balancer for distributing traffic among multiple WebLogic servers.
* Involved in deploying the content cloud platform on Amazon Web Services using EC2, S3 and EBS.

**Company #1:** WEST INFOTECH

**Project #2**: BELL CANADA

**Role:** AWS Devops Engineer

**Duration:** October 2018 – August 2021.

**Technology have worked in** : Git, Jenkins, Bitbucket, Terraform, Docker, Appache Airflow, Amazon Linux, AWS.

**Description:**

Bell Canada (commonly referred to as Bell) is a Canadian telecommunications and media company headquartered in Montreal, Quebec. The Main objective of this project is developing the operation related to Inventory Sales, Goods Receipts, and Report generations, Internal Auditing of the Products, Bug Reporting and Approving, Path Testing.

**Responsibilities**:

Created and maintain infrastructure in AWS cloud for different environments.

Worked as part of DevOps system team to deliver the release to production environment in a timely manner

Responsible for deployments Into Dev, FUT,QA, UAT and PROD environments.

Implemented automated release process tools that enable real time oversight and management of deployment activities including tracking and confirming steps executed, making rollback calls and communicating the success/ failure to all stakeholders.

Maintained and archived a history of releases and patches. Administered source control management systems and ensured the availability and disaster recovery strategy is in place.

Worked with developers to identify and resolve build or deployment problems.

Worked with the team to provide additional scripting and automation capabilities.

Configured and deployed tools to automate the build, test, and release processes.

Responsible for executing scheduled and unscheduled application builds and automating these processes.

Created Build jobs to multiple projects in Jenkins

Designed and implemented Continuous Integration process with Jenkins on approval from development and other affected teams.

Implemented Jenkins for Continuous Integration Builds and Notifications exclusive for Dev as a self help feature.

Assisted in building scripts in Jenkins tool using Maven Build tools and deployed into Docker containers.

Created Docker images using Dockerfiles to support Containerization of applications.

Responsible for writing Dockerfile and pushing the docker image to the private repository.

Created IAM roles for the kubernetes cloud setup.

Created Kubernetes deployment, statefulsets, Network policy etc.

Created Kubernetes dashboard, Network policies.

Created metrics and monitoring reports using Prometheus and Grafana dashboards.

Involved in implementing Ansible configuration management and maintaining them in several environments on AWS cloud

Written the Ansible YAML scripts to configure the remote servers.

Integrated Jenkins, Rundeck and Ansible. Designed and developed Jenkins Build deployments.

**Company #2:** PHOTON INFOTECH

**Project #3**: UPSTOX

**Role:** AWS Devops Engineer

**Duration:** August 2021 – April 2022

**Technology have worked in** : AWS, Windows Servers

**Description:**

Upstox is an online investment brand of RKSV Securities. Upstox offers a fast, reliable & easy-to-use trading platform for traders in Indian stock market. Upstox offers low-cost trading services.

**Responsibilities**:

* Installed security patches like Sentinelone on (60-70) Windows servers.
* Installed AWS agents like SSM on (40) Windows servers and reporting as well (Cis reporting).
* Experience in creating AWS cloudwatch alarms like CPU Utilization on rds databases.
* Experience in creating AWS cloudwatch alarms like Memory Utilization on rds databases.
* Experience in creating AWS cloudwatch alarms like Availability checks on rds databases.

I hereby declare that all the information’s given above are true to the best of my knowledge.

**Place: Warangal (WFH) Nagamandla Prashanth**

**Date: 08-03-2022 (Signature)**