# Gundamalla Naveen Kumar

# Professional Background

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* Having total **4.5 years** of experience in Cloud Infrastructure Implemented Organizations using strategy in environments of **AWS DevOps** and **Linux** and **Windows servers** and Cloud Computing including **AWS**, which cover intensive exposure to Design, Troubleshooting, implementation and deployment.
* Having experience in **Grafana.**
* Setup /Managing Linux and windows servers on Amazon Cloud (**EC2, VPC, ELB, IAM, S3, AMI, Security Groups, Cloud Watch**).
* Expertise in DevOps, Configuration Management, Cloud Infrastructure, Automation it includes **Amazon Web Service (AWS), Jenkins, Git, Maven** etc.
* Setting up databases in AWS using RDS, storage using S3 buckets and configuring instance backup to S3 bucket.
* Creating **Snapshots** and **Amazon machine images** (**AMIs**) of the instances for backup and creating **clone instances**.
* Experience in configuring and updating the servers using configuration management tools like **Ansible.**
* Installed and setup Nagios server monitoring tools.
* Experience in **branching, tagging** and **maintaining** the version across the environments working on Software Configuration Management (**SCM)** tools like **Subversion (SVN) and GIT**.
* Utilized **Cloud Watch** to monitor resources such as **EC2**, **Amazon RDS services**, **EBS** volumes, to set alarms for notification or automated actions and to monitor logs for a better understanding and operation of the system.
* Handling Remote Desktop Connectivity Issues.
* Good Experience in **Server Configurations** and **Installations** and **Modifications.**
* Administering **Jenkins** and secured Jenkins with role-based access controls and matrix-based project access.
* Involved in Installing Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery processes & tools [ Example: Git, SVN, Ant, ANSIBLE, Maven, Jenkins, Apache Tomcat, Shell Scripting etc.]
* Worked on web servers like Apache and application servers like Tomcat to deploy code.
* Excellent analytical, coordination, and communication skills.
* Written manifests/Recipes and Python scripts to customize the Ansible as per our environment.
* Performed infra automation tasks using Configuration management software like Ansible.
* Manage the configurations of multiple servers using Ansible.
* Integrated the Ansible playbooks with Jenkins.
* Hands on experience in writing **Ansible** playbooks and Roles to automate the deployment.
* Extensively worked with Change tracking tools like **JIRA.**
* Having good exposure in **Jenkins** for CI (Continuous Integration).
* Deploy Jenkins to completely provision and manage AWS EC2 instances, EBS volumes, etc.
* Managing a team of DevOps engineer for infrastructure support on AWS cloud. Creating Cloud Formation templates for hosting software on AWS cloud.
* OS, Configuring and binding system with domain.
* Installing all Linux flavors

# Education

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| **Post/Graduation** | **Board/University** | **Year of Passing** |
| Btech Civil | JNT University | 2016 |

# Professional Skills

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| **Cloud Technologies** | AWS-Amazon Web Services, |
| **Operating Systems** | Linux, CentOS &Windows |
| **Continuous Integration Tool** | Jenkins |
| **Configuration Management** | Ansible |
| **Web Server** | APACHE, Tomcat, Weblogic |
| **Ticketing Tool** | JIRA |
| **Monitoring Tools** | Nagios, Grafana |
| **Version Control** | GIT,SVN |

# Professional Experience

* Working in Calvin Technologies Private Limited from May 2017 to till date.

# Project Details

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| **Project#1** | Arla foods (USA) |
| **Role** | DEVOPS Engineer |
| **Duration** | Sept 2020 to till date |

**Roles and Responsibilities:**

* Implemented Continuous Integration using Jenkins and SVN.
* Worked in all areas of Jenkins setting up CI for new branches, build automation, plugin management and securing Jenkins.
* Troubleshoot build issues in Jenkins, performance and generating metrics on master's performance along with jobs usage
* Installed and configured Jenkins for Automating Deployments and providing an automation solution.
* Having experience in customizing the dash boards in Grafana related to cpu memory.
* Installed logstash rpm and started the logstash in our environment.
* Implemented and configured nginx load balancer.
* Created and managed custom **Centos** and Linux based **AMI**s

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| **Project#2** | Bridgestone Europe Corporation |
| **Role** | DevOps Engineer |
| **Duration** | Sept 2019 to Aug 2020 |

**Role and Responsibilities:**

* Created Amazon AWS EC2 instances for installing, configuring and troubleshooting on various Amazon images like Amazon Linux **AMI.**
* Configure, monitor and automate **Amazon Web Services**.
* Created and managed custom **Centos** and Linux based **AMI**s
* Having Experience in creating **Cloud Formation** in **AWS**
* Involved in deploying the content cloud platform on Amazon Web Services using **EC2**, **S3** and **EBS**, **CLOUDFORMATION.**
* Manage AWS EC2 instances using Auto Scaling, **ELB** (Elastic Load Balancing) for our environments
* Backing up the instances by taking snapshots of the required servers regularly
* Maintaining cloud infrastructure using EC2, S3, Cloud Formation, VPC, RDS.
* Responsible for installing **Jenkins** master and slave nodes.
* Managed **GIT** as Source Control Systems.
* Working on Version controller like GIT and integration tools Jenkins
* Configured **Gitlab** with **Jenkins** and schedule jobs using **POLL SCM** option.
* Implemented Continuous Integration using Jenkins and GIT.
* Integrated **MAVEN** with Jenkins for the builds as the Continuous Integration process.
* Administered and installed Artifactory repository to deploy the artifacts generated by **MAVEN** and to store the dependent jars, which are used during the build.
* Implemented the automation scripts (shell Script) for deployment process to different
* Automated nightly build, test, and reporting mechanisms using **Jenkins.**
* Manage the configurations of more than 40 servers using **Ansible**, configured **Jenkins** builds for continuous integration and delivery.
* Automated **web server** content deployments via **Ansible** playbooks**.**
* Assisted end-to-end release process from the planning of release content through to actual release deployment to production.
* Managed daily builds and releases to all the environments.

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| **Project#3** | Dream Hotel Group, USA |
| **Role** | Build & Release Engineer |
| **Duration** | June 2017 to Aug 2019 |

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**Role and Responsibilities:**

* Creating SVN trunk, branch’s and Tags ,troubleshooting the daily **Subversion** problems.
* Maintaining admin related files and configured using Subversion(SVN)
* Streamlining the process of access to SVN and automate the tasks in subversion.
* Build Application using source files in subversion repository.
* Deployed **WAR/JAR** application in from Jenkins by invoking required scripts.
* Modified ANT scripts to build the **JAR**'s, Class files, **WAR** files and **EAR** files from Subversion
* Creating the build script using the **ANT** as build tool, for Java web applications.
* Troubleshoot the build issue during the **ANT** build process.
* Implemented Jenkins as Continuous Integration Server, for - Installation, Configuration, Design and Administration, and integrating tools with other systems.
* Build end to end CI/CD Pipelines in **Jenkins** to retrieve code, compile applications, perform tests and push build artifacts to **Nexus Art ifactory**.
* Deployment solutions spanning multiple platforms, tools and technologies including Bamboo Nodes/ Agents, SSH, deployment and testing.
* I worked on  **Apache Http** and  **Weblogic.**
* Different builds to different environments on parallel development for multiple projects. (DEV, QA, PERF, AUTH, UAT, PRODUCTION)
* Implemented the automation scripts (Batch, shell Script) for deployment process to different environments.
* Prepared ANT builds and integrated to CI Environment for build automation activity.