# EXECUTIVE SUMMARY:

## Chintagumpala Suman

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**Suman is a Devops Engineer** having 3.1 years of experience in the field of **automation, configuration management** and **cloud service, build, deploy and release process** with various environments.

# AREAS OF EXPERTISE:

* Experience in handling source code management tool **GitHub, Managing GitHub accounts, GitHub organizations, GitHub Repositories**. Providing access to the Developers & resolving the errors related toaccounts.
* Integrating tools like **GitHub, Maven. Creating jobs (freestyle, maven and pipeline) & scheduling using Poll SCM**. Managing the plugins and automating the build process. Creating notification alerts, building continuous integration environment & continuous delivery environment.
* Collaborating with developers, QA and Product support teams to identify and resolve build problems.
* Experience in configuration management tools like ANSIBLE. Using Ansible we set up the Apache tomcat on allservers.
* Have Experience in Docker. Using Docker file to build the Docker images and run acontainer.
* Used Kubernetes to Orchestrate the Deployment, Scaling and management of Docker Containers and Creating Nodes &Pods.
* Creating **EC2** instances, adding **EBS** volumes and attaching elastic IPs. Backup the **EBS** volumes usingsnapshots.
* Implementing Organization AWS Cloud and Devops Strategy in various Environments of Linux and Windows Servers along with adopting cloud strategies based on Amazon Web Services like **EC2, VPC, S3, IAM, ELB, ASG, Route 53, Cloud Front, Cloud Watch, SNS, SQS, RDS, EBS and EFS** etc.
* Create IAM and provide access to theusers.

# EDUCATION:

B.tech (E.C.E) from JNTU Anantapur University.

# TECHNICAL SKILLS:

Version Controlsystem : GitHub, Gitlab, Bitbucket

Build andCI/CDtools : Maven,Jenkins ConfigurationManagementTools : Ansible ContainerizationTool : Docker

OrchestrationTool : Kubernetes

IAAC : Terraform

CloudPlatform : AWS

Scriptinglanguages : ShellScripting

Servers : ApacheTomcat

Monitoringtools : Nagios, cloudwatch

Operatingsystem : Windows Family, Linux (RHEL, Centos,Ubuntu)

# SPECIFIC PROJECT EXPERIENCE:

## Project : Payswiff

Environment : GitHub,Jenkins,Maven,Docker,ShellScript,Kubernetes,AWS. Role : DevopsEngineer.

## Description:

Making payment transactions simple, Payswiff offers a wide range of innovative and reliable solutions, Streamlining the transaction experience on a secured platform. With mPOS, POS and a smartphone app, we support over 60 different payment channels, including debit/ credit cards, net banking, online, e-wallets and UPI, adding more along the way as they come into existence.

## Responsibilities:

* Creating CI/CD pipelines by integrating Git, GitHub, Maven Jenkins andAnsible.
* ExperienceinsettingupGitrepositorysetupinGitHubandBranchingandMergingModel.
* Creating and maintaining the Jenkins slaves for distribution of loads and running the parallel builds.
* Handle multiple builds from the Development team, create build and perform deployment activities.
* Collaborated with Development and Support teams to setup a CD (Continuous Delivery) environment with the use of Docker and vagrant continuous build and deliverytools.
* ImplementedthesetupforMasterslavearchitecturetoimprovethePerformanceofJenkins.
* HandleddeploymentofJAR,EARand WAR filestotherespectiveapplicationserverinstances.
* Involved in job scheduling for daily and nightly build activity usingJenkins.
* Automating build process for creating JAR/WAR artifacts usingMaven.
* Worked on creating Docker Images and Containers and maintaining the cluster for deploying in Kubernetes

## Project : SEPAMUSE

Environment : Gitlab, Node, Jenkins, Docker, Ansible, Centos, Shell Script. Role : DevopsEngineer.

## Description:

SepaMuse – is Single European Payment Area Multi-Services. This is a platform, which is integrated with multiple service providers like KYC, Merchant, SMS providers, E-Wallet card issuing providers, SEPA, SWIFT etc. Sepa Muse is multi-tenant platform, which can be accessed by multiple banks for various services like e-wallet, transfers within Europe region and internationaltransfers.

## Responsibilities:

* Configured Gitlab to inform all the teams about the latest changes happening on it to avoid conflicts due to the push before the pullissue.
* ExperienceinsettingupGitrepositorysetupinGitHubandBranchingandMergingModel.
* Writing Ansible Roles, Playbooks in Ansible for Application Deployment automation, Cloud InfrastructureAutomation.
* Automating build process used for Java, Mule and Middleware applications using tools / automation framework likeJenkins.
* Creating and maintaining the Jenkins slaves for distribution of loads and running the parallel builds.
* Handle multiple builds from the Development team, create build and perform deployment activities.
* Collaborated with Development and Support teams to setup a CD (Continuous Delivery) environment with the use of Docker and vagrant continuous build and deliverytools.
* ImplementedthesetupforMasterslavearchitecturetoimprovethePerformanceofJenkins.
* Doing automatic Deployment by using ShellScripting.
* Integrated delivery (CI and CD process) Using Jenkins & ShellScripts.

## Project : UPPCL (UTTAR PRADESH POWER CORPORATION LIMITED)

Environment : GitHub, Maven, Jenkins, Ansible,Docker. Role : DevopsEngineer.

## Description:

The main purpose of UPPCL (stands for Uttar Pradesh Power Corporation Limited) project is to make the electricity bill payment of Uttar Pradesh residents who consumes electricity through an agent (Merchant) using a payment application. Also this application facilitates the consumer to avoid long queue for the payment of electricity bill in EB Board. For this purpose, UPPDS appoints a merchant as an agent who is a user to collect an amount for the consumer’s electricity bill in each approved PDS location.

## Responsibilities:

* Deployed applications to application servers in a continuous integration environment and also automated the wholeprocess.
* Used Jenkins for Continuous Integration and deployment into Tomcat ApplicationServer.
* Troubleshoot compile and build failures and facilitateresolution.
* Perform Build activities using Maven and Jenkins tools &worked on Jenkins tool to configure Nightly Builds to check sanity of ourcode.
* Worked on Jenkins administration, installing and configuring Jenkins master, adding Jenkins slaves, setting up various configurations and pluginmanagement.
* Writing Ansible Roles, Playbooks in Ansible forAutomation.
* Maintain Dev, QA &UAT environments i.e. make sure they are always up & runningnormal.
* Administration of Git tool includes creating branches, tagging and accesspermissions.
* Troubleshooting application related issues and providing logs to developers for further investigation.
* Documenting all the Build and deployment relatedissues.
* Worked on Compose is a tool for defining and running multi-container Dockerapplications.