

# Nagadeep Kodali

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## PROFESSIONAL SUMMARY

Having 3.6 years of experience in IT industry in implementation of **Devops** in the field of **Automation, Software Configuration Management and Cloud Services**.

- Having good knowledge in **Linux, Windows Operating System**. Extensively worked on **Ubuntu and Centos**.
- Hands on experience in creating Projects, Workspaces, Project Management, Version Control management, User Management and Build & Release management in **Git**.
- Experience on creating Git Branches and merging the source code between different branches.
- Hands on experience to Performing build activities by using **Maven**.
- Proficient in automating **CI & CD** pipeline using **Jenkins** tool.
- Integrated **Sonar-Qube** with Jenkins for continuous inspection of code quality.
- Hands on experience in using **Nexus** for artifact storage and for downloading artifacts for testing and deploying to applications.
- Expertise in Configuration Management Tool like **Ansible** for writing playbooks, creating Roles.
- Good knowledge over creating and maintaining the infrastructure on **AWS** services such as **EC2-Instances, ELB, AMI, EBS, RDS, S3, Route53, IAM**.
- Good Knowledge on **AWS services** like **Autoscaling** and **CloudWatch** for applications.
- Proficient in creating highly available **VPC** for applications with high security using **NACL** and **Security Groups**.
- Knowledge on **Bash Scripting**.
- Experience on automating build and deploy of Java applications to different environments like **DEV, QA, and UAT** by using **Kubernetes**.
- Knowledge on Software Development Life Cycle (SDLC) processes.
- Experience on containerization tool **Docker** writing **Docker files** for creating Docker images and containers for different environments.
- Hands on experience in creating Custom **Docker images** using **Docker file** and knowledge over **Docker Networking**.
- Good understanding over clustering using **Kubernetes** and Architecture of Kubernetes.
- Knowledge over creating Pods, Replication Controllers and deployments and creating Services for Load Balancing.

- Experience in automating, building, deploying, and releasing of code from one environment to other environment like **Dev, QA, and UAT**.
- Experience in Installing, configuring and maintaining **Tomcat** Server.
- Good experience on Installing and Implementing Logging & Monitoring tools **Prometheus, Grafana, Cloud Watch** for infrastructure.
- Good Interpersonal Skills, team-working attitude, takes initiatives and very proactive in solving problems and providing best solutions.
- Having good trouble shooting skills which helped in build, deployment, infrastructure and network related issues.

## EMPLOYMENT SUMMARY

- Working as a **Devops Engineer** for Avya IT Pvt Ltd, Hyderabad(<http://avyait.com/>) from August 2017 to Till Date.

## EDUCATIONAL QUALIFICATIONS

- Graduated from Kamala Institute Of Technology and Science in 2016.

## TECHNICAL SKILLS

<b>Operating Systems</b>	Windows, Linux, Ubuntu
<b>Scripting Languages</b>	Bash Script
<b>Version Control Tools</b>	GIT
<b>Automation/Build Tools</b>	Jenkins, Maven
<b>Configuration Management Tools</b>	Ansible
<b>Containerization &amp; Orchestration Tools</b>	Docker, Kubernetes
<b>Web Servers</b>	Tomcat
<b>Provisioning Tools</b>	CloudFormation
<b>Cloud Technology</b>	AWS(Amazon Web Services)
<b>Monitoring and Automation Tools</b>	Cloudwatch, Prometheus.
<b>Software Repository Managers</b>	Nexus, S3

Code Analysis	SonarQube
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## PROJECT SUMMARY

**Project** : Insurance.  
**Client** : HealthCare Hub, USA.  
**Role** : DevOps Engineer  
**Tools** : GIT, Jenkins, Maven, Docker, Kubernetes.

### Roles and Responsibilities:

- Created branches and tags using **Git**, responsible for tagging and maintain code on version control **Git**.
- Monitored builds, GIT check-ins and administrated access management.
- Supported product release management and patch set release.
- Responsible for creating Builds and Deployments Plans.
- Creating War files using **Maven** and deployed those war files into webserver.
- Automate the build and deployment Process Using **Jenkins jobs**.
- Configured **Jenkins Master-Slave Architecture** using **Jenkins Nodes**.
- Creating jobs using Jenkins. Manage installations of node, deployment configuration, administration and backup. etc.,
- Verify Deployments logs to check for successful deployments.
- Debugging Build & Release related issues.
- Used **Docker** for writing Docker files, creating Docker images and containers for different environments.
- Installing and configuring **Kubernetes** for container orchestration.

**Project** : Pharma.  
**Client** : Web CR PIS.  
**Role** : Build and Release Engineer  
**Tools** : GIT, Jenkins, Ansible, Tomcat

### Roles and Responsibilities:

- Configured **Jenkins** with **Ansible** for deployment of the application in servers.
- Configured Jenkins jobs with different Plug-ins for **Testing, Nexus and Continuous Deployment** to accomplish the complete CI / CD.

- Creating and maintaining the **Jenkins** slaves for distribution of loads and run the parallel builds.
- Responsible for maintaining backups in **Jenkins**.
- Used **Github** to keep all our source code and automation scripts.
- Involved in **Branching, Tagging and Merging** of code delivery at required releases.
- Using **branching** strategy for source code management and Ansible files in Git.
- Configuring Jenkins with Github to automate the integration, when source code is pushed and notify the errors to developers.
- Verifying the logs if build fails.
- Infrastructure is hosted in **AWS** cloud and responsible for creating and managing **EC2 Instances**.
- Created **Multifactor Authentication** for AWS Users in the organizations.
- Writing **playbooks** for installing and configuring the EC2 instances and automate deployments.
- Writing **playbooks** for installing and configuring and automate deployments.
- Performing deployments to multiple environments like **Dev, QA, UAT** environments.
- File Systems **Backup** and recovery using tools like **tar utilities**.
- Scheduled various regular periodic tasks by using **Crontab**.
- SCP- Remotely copying files by encrypting data.