

An exceptionally creative individual with strong analytical skills to utilize 4years of IT experience and 3 years in DevOps (AWS/Azure) includes continuous integration, configuration management, build optimization, build automation, deployment.

### Experience Summary

- Worked as a Senior software engineer in Coforge India Pvt Ltd, Bangalore from March 2022 to December2022.
- Worked as a Product Integration Engineer in Phenom People Pvt Ltd, Hyderabad from March 2021 to March 2022.
- Worked as programmer analyst in Cognizant Technology solutions India Pvt Ltd, Hyderabad from December 2018 to February 2021.

### Work Summary

- Good experience in **Cloud (AWS), DevOps, Configuration management, Infrastructure automation, Continuous Integration and Delivery (CI/CD)**. I can implement effective strategies for N - Tier application development in both **Cloud and On-premises** environments. Experience in dealing with **Unix/Linux and Windows** server administration.
- Experience in Infrastructure Development and Operations involving **AWS Cloud Services, EC2, EBS, VPC, RDS, SES, ELB, Auto scaling, CloudFront, Cloud Formation, Elastic Cache, API Gateway, Route 53, Cloud Watch, SNS**.
- Expertise in building **CI/CD** on **AWS** environment using **AWS Code Commit, Code Build, Code Deploy** and **Code Pipeline** and experience in using **AWS CloudFormation, API Gateway**, and **AWS Lambda** in automation and securing the infrastructure on **AWS**.
- Experience in changing over existing **AWS** infrastructure to Serverless architecture (**AWS Lambda, AWS Kinesis**) through the creation of a **Serverless Architecture** using **AWS Lambda, API gateway, Route 53, S3 buckets**.
- Experience in **Kubernetes (EKS, AKS and On-premises)** to deploy scale, load balance, and manage **Docker** containers with multiple names spaced versions.
- Proficiency in using **Docker Hub, Docker Engine, Docker images, Docker Compose, Docker Swarm**, and **Docker Registry** and used **containerization** to make applications platform when moved into different environments.
- Extensive experience in installing, configuring, and administering **Jenkins CI** tool on **Linux** machines and used **Jenkins Pipelines** to drive all **Microservices** builds out to

the **Docker Registry** and then deployed to **Kubernetes**, Created Pods and managed using Kubernetes.

- Involvement in developing APIs using Kubernetes to manage and specify the copies of the containers to run the actual servers in the cloud environment. Scheduled, deployed and managed container replicas onto a node cluster using Kubernetes and deployed Docker containers through Kubernetes to manage the microservices using its Nodes, Pods, ConfigMaps, Selectors, Services.
- Expertise in configuring the **monitoring** and **alerting tools** according to the requirement like **Prometheus** and **Grafana**, setting up **alerts** and **deployed multiple dashboards** for individual applications in **Kubernetes**.
- Experience in Configuration management tools such as Ansible, and Puppet. Wrote Ansible recipes and playbooks in YAML scripting.
- Professional in deploying and configuring Elasticsearch, Logstash, Kibana (ELK) and AWS Kinesis for log analytics and skilled in monitoring servers using Nagios, AWS CloudWatch, Azure Monitor and ELK.
- Experienced in Ansible Tower, which provides an easy-to-use dashboard and role-based access control and in developing Ansible playbooks for managing the application/OS configuration files in GIT hub, integrating with Jenkins, and Verifying with Jenkins plugins, deploying the application in Linux environment.
- Experience in Ansible setup, managing hosts file, Using YAML linter, authoring various playbooks and custom modules with Ansible and Ansible Playbooks to automate in AWS services like Launching EC2, Provisioning IAM, Configuring VPC, EBS, Monitoring using Cloud Watch and Cloud Trail.
- Working experience GitHub Enterprise Server configuration and administration.
- Good Understanding in using Nexus, Arti factory Repository Managers for Maven builds.
- Experience in integrating Unit Tests and Code Quality Analysis Tools like SonarQube.
- Good in preparing the Release Packages to QA, Dev, Pre-Production and Production Environments. Good experience of defect and change tracking tool such as JIRA, Confluence tool for Documentation.

## Skills

Public & Private Cloud Technologies	Amazon Web Services (AWS), Microsoft Azure
Containerization Tools	Docker, Kubernetes, AWS ECS
Configuration Management	Ansible

CI/CD Tools	Jenkins
Build & Testing Tools	Maven, Gradle, Selenium, JUnit
Version Control Tools	Git, GitHub, Bitbucket.
Performing/Monitoring & Bug Tracking Tools	ELK, Nagios, CloudWatch, Azure Monitor, Confluence, Jira
Web Servers	Apache Tomcat, Nginx, SQL Server.
Databases	MySQL, RDBMS, Mongo DB, Oracle DB.
IDE Tools	MS Visual Studio, Eclipse, IntelliJ
Web Technologies	HTML5, CSS3, JSON, JavaScript
Artifactory	NEXUS, JFrog
Scripting/Programming Languages	Java, Spring boot, Microservices
Operating Systems	Ubuntu, Windows, MacOS.

## Project Details

### Project 1:

Project Name	WMS (Supply chain Execution)	Duration	March 2022 to Dec 2022.
		Client	Walmart (Coforge)
Role & Contribution	<b>Role:</b> Senior Software Engineer (DevOps Engineer) <b>Contribution:</b> <ul style="list-style-type: none"> <li>Managed Amazon Web Services like EC2, S3 bucket, RDS, EBS, ELB, Auto-Scaling, AMI, IAM roles through AWS Console.</li> <li>Utilizing Cloud Watch to monitor resources such as EC2, EBS, ELB, RDS, and S3 etc.</li> <li>Automated Continuous Integration builds, nightly builds, deployments and unit tests across multiple different environments (DEV, QA, Training, Production) each constituting different types of servers (DB, App, Web) and different number of servers of each type (for load balancing and such) using <b>VSTSBuild</b>, <b>Power Shell</b>, and <b>MS Build</b>, MS Deploy.</li> <li>AKS Deployment using Docker containerization.</li> </ul>		
Technologies	Linux, AWS, UBIQWEISE, Azure		
Tools	Cloud Watch, Ansible, Apache tomcat, Kubernetes, Docker, Helm, AKS, EKS, Azure Monitor		

### Project 2:

Project Name	Blue Cross Blue Shield NC Development	Duration	March 2021 to March 2022
Role & Contribution	<b>Role:</b> Product Integration Engineer (AWS DevOps Engineer) <ul style="list-style-type: none"> <li>Develop/Improve continuous integration scripts and automation scripts and perform database deployments, Responsible for troubleshooting environmental issues.</li> </ul>		

	<ul style="list-style-type: none"> <li>Implementing Continuous Integration and Continuous Delivery framework using GIT, Maven, Jenkins, Nexus, Make in Linux environment.</li> <li>EKS deployment using docker containers.</li> <li>Involved in the Consulting, Analysis, Design, Development and Implementation of automated Continuous Integration/Continuous Deployment pipelines and test automation solutions.</li> </ul>
Technologies	Java, Linux, AWS
Tools	maven, Jenkins, Cloud Watch, Ansible, Apache tomcat, Linux, SonarQube, Git, GitHub

### Project 3:

Project Name	ERMS	Duration	Jan 2020 to Feb 2021
Role & Contribution	<b>Role:</b> Build Engineer <ul style="list-style-type: none"> <li><b>Used Jenkins as continuous integration tool:</b> creating new jobs, managing required plugins, configuring the jobs selecting required source code management tool, build trigger, build system and post build actions, scheduled automatic builds, notifying the build reports.</li> <li>Installing and configuring GIT, Maven and Ansible through Jenkins for Deployment and automation.</li> <li>Develop/Improve continuous integration scripts and automation scripts and perform database deployments, Responsible for troubleshooting environmental issues.</li> <li><b>Built</b> and managed a highly available <b>monitoring</b> infrastructure to monitor different application <b>servers</b> and its components using <b>Nagios</b>.</li> <li>Automated Continuous Integration builds, nightly builds, deployments and unit tests across multiple different environments (<b>DEV</b>, <b>QA</b>, <b>Training</b>, <b>Production</b>) each constituting different types of servers (<b>DB</b>, <b>App</b>, <b>Web</b>) and different number of servers of each type (for load balancing and such) using <b>VSTSBuild</b>, <b>Power Shell</b>, and <b>MS Build</b>, <b>MS Deploy</b>.</li> <li>AKS Deployment using Docker containerization.</li> </ul>		
Technologies	Java, Linux, AWS, Azure		
Tools	maven, Jenkins, Cloud Watch, Ansible, Apache tomcat, Linux, SonarQube, Git, GitHub		

### Project 4:

Project Name	Project on Java (Northern Trust client)	Duration	Dec 2018 to Jan 2020
Role & Contribution	<b>Role:</b> Programmer Analyst <ul style="list-style-type: none"> <li>Understand the requirement and post queries to get clarification.</li> <li>Fix defects and ensure the fix done doesn't impact existing application and doesn't introduce new bug.</li> <li>Thoroughly unit test the code and collect test logs. Deploy to UAT and provide support for UAT testing.</li> <li>Develop the application as per our client require coding standards.</li> <li>Client interaction for Developing Process documents and preparing estimates.</li> <li><b>Handling Application Optimization process and implementation.</b></li> </ul>		
Technologies	Java, Spring boot, Microservices		
Tools	Maven, Apache tomcat, Git, GitHub, IntelliJ		

### Educational Qualification

- Bachelor's in civil engineering from MBU University, December 2017, Tirupathi, Andhra Pradesh.

## Personal Details

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