

## Objective

To associate with a growth oriented enterprise and strive to achieve the goals of the organization, contemplating sustained individual growth through diligent hard work and self-improvement, in any demanding working condition.

## PROFESSIONAL SUMMARY

- ✓ Having **Total 8+ Years** of Experience as a Senior Software Engineer in the IT industry.
- ✓ Having over of hands on IT experience prioritizing **AWS & DevOps** and involved in Automation of Configuration Management, Security, build/release management, Cloud Resource Utilization, Infrastructure Automation and Linux.
- ✓ Hands on experience in **Java**.
- ✓ Hands on experience in **Struts 2 Framework**.
- ✓ Hands on experience in **Hibernate Framework**.
- ✓ Hands on experience in **Spring Boot**.
- ✓ Installing and configuring applications on AWS EC2 Instances.
- ✓ Worked in setting up the Kubernetes cluster with one Master and two nodes and deployed Docker containers in PODS of each node and create service yaml files
- ✓ Responsible for all tools configurations and coordinating with the teams.
- ✓ Experience in writing Docker files to build the micro-service applications and build several containers by using Docker engine and Docker Machine.
- ✓ Developing Docker images to support Development and Testing Teams and their pipelines distributed Jenkins and Elastic Search, Kibana and Log stash (ELK & EFK) etc.
- ✓ Working with JIRA to track project defects and tasks and Created Crontab scripts for scheduled jobs.
- ✓ Infrastructure Virtualization and app isolation using Docker.
- ✓ Good experience in Amazon Web Services (AWS), EC2, RDS, ELB, Auto-Scaling Group, Security Group, load balancers, VPC, NACL, Auto-Scaling, RDS, ECR, S3.
- ✓ Working with VPC/ Sub netting /Route Tables/VPC peering, Configuring EC2 servers. AWS Security, Deployment, Staging and production
- ✓ Setup and managed EBS Volumes and EIP to EC2 Instances.
- ✓ Created and Managed User Accounts, Log Management, Shared Folders, Reporting, Group Policy Restrictions, etc.
- ✓ Developed and administered the Kubernetes clusters by running various Kubectl commands, resolved issues with the sluggish pods. Developed Pod definition, deployments, Service definitions, ingress controllers in Kubernetes.

- ✓ Implemented a production ready, load balanced, highly available, fault tolerant, auto scaling AWS infrastructure and Micro services container orchestration.
- ✓ Create/Managing buckets on S3 and store DB and logs backup, upload images for CDN serve.
- ✓ Setup/Managing CDN on Amazon CloudFront (Origin Path: Server / S3) to improve site performance.
- ✓ Setup/Managing Databases on Amazon RDS. Monitoring servers thorough Amazon CloudWatch, SNS.
- ✓ Commitment, result oriented, and Zeal to learn new technologies and undertake challenging tasks.
- ✓ Involved in reviewing the tasks functionally and technically to improve the accuracy and minimizing the rework effort.
- ✓ Reporting to the all stakeholders about the daily status of the assigned task including client.
- ✓ Involved in exploration of new technologies and sharing the knowledge with the team internally.

#### EXPERIENCE:

- ✓ Software Engineer in **Board of Revenue, Lucknow** from Nov 2014 to Nov 2018.
- ✓ Software Engineer in **Director of Treasury, Lucknow** from May 2019 to Jan 2023.
- ✓ Software Engineer in **Lab Vantage Solutions Inc. Kolkata** from Jan 2023 to Till Now

#### EDUCATION

- ✓ **B.Tech(IT)** from Global Institute of Technology , Jaipur in Aug 12

#### TECHNICAL SKILLS

Operating System	Windows , Linux
Languages	Java
Application/Web Servers	Apache Tomcat, Jboss
Frameworks	Hibernate, Spring Boot, Struts2.x
Tools	Eclipse, My Eclipse, Net Beans, IntelliJ
RDBMS	MySQL, Oracle
Cloud Technologies	AWS, DevOps, Terraform
CICD Pipeline	Jenkins, Kubernetes, Docker
Open Source Terminal	Putty, Mobaxterm
Project Management Tool	JIRA

<b>Project #1</b>	CORTEVA Inc
<b>Client</b>	DuPont Inc
<b>Team Size</b>	12
<b>Role</b>	<b>Devops Engineer</b>
<b>Environment</b>	Docker, GIT, Maven, Kubernetes ,EC2
<b>Duration</b>	Jan 23 to Till Now

- ❖ Created Kubernetes cluster in CentOS machines and deployed application by using service. Yaml file and export the cluster IP to public DNS by using ingress service.
- ❖ Experience in writing Docker files to build the micro-service applications and build several containers by using Docker engine and Docker Machine.
- ❖ Developing Docker images to support Development and Testing Teams and their pipelines distributed Jenkins and Elastic Search, Kibana and Log stash (ELK & EFK) etc.
- ❖ Working with JIRA to track project defects and tasks and Created Crontab scripts for scheduled jobs.
- ❖ Creating AWS Instances and Resources Bills
- ❖ Infrastructure Virtualization and app isolation using Docker.
- ❖ Good experience in Amazon Web Services (AWS), EC2, RDS, ELB, Auto-Scaling Group, Security Group, load balancers, VPC, NACL, Auto-Scaling, RDS, ECR, S3.
- ❖ Setup and managed EBS Volumes and EIP to EC2 Instances.
- ❖ Created and Managed User Accounts, Log Management, Shared Folders, Reporting, Group Policy Restrictions, etc.
- ❖ Setup/Managing Databases on Amazon RDS. Monitoring servers thorough Amazon CloudWatch.

<b>Project #2</b>	Central Treasury System (Director Of Treasury)
<b>Client</b>	<b>Director Of Treasury, Lucknow</b>
<b>Team Size</b>	12
<b>Role</b>	Senior Software Engineer
<b>Environment</b>	Docker, GIT, Maven, Kubernetes ,EC2, Spring ,Hibernate
<b>Duration</b>	June 19 to Till Now

#### **Description:**

The main objective of the Central Treasury Management System (CTMS) project is to allow the government, through the Accountant General's Department (AGD), to centralize its cash management function.

The core project activity therefore involves the upgrading of the existing government accounting system used by Departments the coding and deployment of a Treasury Management Module to be used by Accountant General's Department (AGD).

**Responsibilities:**

- ❖ CI/CD pipeline with Jenkins and GIT for JAVA application
- ❖ Creating and managing clients and organization depends on customer requirements.
- ❖ Responsible for maintaining and creating stack for Java based micro service application on Kubernetes Cluster.
- ❖ Experienced in Creating, Managing Kubernetes clusters and Kubernetes namespaces.
- ❖ Expertise in configuring ELK (Elasticsearch, Logstash & Kibana), Nagios and Splunk for Log monitoring of various applications.
- ❖ Setup and managed EBS Volumes and EIP to EC2 Instances.
- ❖ Created and Managed User Accounts, Log Management, Shared Folders, Reporting, Group Policy Restrictions, etc.
- ❖ Setup/Managing Databases on Amazon RDS. Monitoring servers thorough Amazon CloudWatch.

<b>Project #3</b>	BhuLekh (Board of Revenue)
<b>Client</b>	National Informatics Centre , Lucknow
<b>Team Size</b>	6
<b>Role</b>	Developer
<b>Environment</b>	Java, JSP, Java Script, Struts, Net Beans, Tomcat, PostgreSQL
<b>Duration</b>	Aug 15 to Nov 18

**Description:**

Land Records computerization programme is being executed by Land Record Information Systems Division, NIC, Lucknow. This land information system would allow basic data entry of all the plots and ownership's, Mutation, queries and reports and even the details of proceedings under various important sections of UP Land Reforms Act, 1954.

The aspect of developing Spatial Data Base having accurate digital maps with proper Geo-Referencing is also being taken up simultaneously with the Utility Mapping Division of NIC, CGO Complex, UP.

The attributes being computerized as RDBMS as above would be linked to these maps to have a Geographical Information System.

**Responsibilities:**

- Designed JSP's as per the Requirement.
- Involved in writing Action Classes and Validations.
- Responsible for writing JDBC DAO's and their implementations.
- Written Spring DAO's and their implementations With Hibernate.
- Injected Spring DAO's into Spring Services.
- Written Hibernate components.
- Implemented Controller Classes.
- Implemented Commands and their Validations.
- Written Spring Service Interfaces and their implementations.