Venkata Ravi Rayapaneni

(Senior DevOps Engineer & Senior Software Engineer )

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**OBJECTIVE:**

Work in an environment, which motivates me to bring out the best from me in a productive and efficient manner. Wish to work as Design Architect, which perfectly fits to my imagination and analytical skills.

**EXPERIENCE SUMMARY:**

1. Having around 5+ years of experience in IT and 3.7 years into **DevOps** with the ability to use wide variety of open source DevOps tools like Github, Jenkins, Ansible, docker, AWS and Linux.
2. Having 3+ Years of experience in Developing Java Applications using **Core Java J2EE,Spring Boot.**
3. Having 2+ years of Experience in Developing **Reports using Tableau**
4. Experience in design and implementation of Continuous Integration, Continuous Deployment and best DevOps strategies for Agile projects.
5. Worked on Cloud based servers like AWS.
6. Worked with automation tools like Jenkins to implement end to end Automation.
7. Knowledge on databases like MYSQL, AuroraDB
8. Knowledge on working with container systems DOCKER and container orchestration tool Kubernetes.
9. Good knowledge on Kubernetes in creating worker nodes,pods,namespaces and ingress.Good knowledge in shell, python scripting.
10. Cloud watch using for while we are using for client machine deployment we will do deployment staging area then we will run cloud watch then only we will deploy into client machine.
11. Having experience in the creation of Virtual Environments.
12. Experience in administering and supporting the CM tools like GITHUB And GITLAB.
13. Experience in building and deploying java applications and troubleshooting the builds.
14. Installation, Configuration, Management of Jboss and Tomcat and Automation of Build and Release activities in a DevOps environments such as (DEV, TEST, STAGE & PROD) with Linux Admin Activities.
15. Experience in Amazon AWS Cloud Administration which includes services like: Elastic Compute Cloud (EC2), Amazon Machine Images (AMI), Virtual Private Cloud (VPC), Elastic Load Balancers(ELB), AutoScaling, Identity and Access Management (IAM), EBS Volumes, Snapshots, Simple Storage Services (S3), Security Groups, Cloud Watch, Route53, RDS, ECR, EKS
16. Having experience in LINUX for **Deployments, tableau installation, DB operations**
17. Hands on experience in installing and configuring CI CM tools like Jenkins and Ansible.
18. Designing and deploying Web Portals/Web Applications using **Java, JSP, JavaBeans, JDBC, JBoss, XML, HTTP, Java Script, and HTM, Web Services like Rest Api,**
19. Conceptual knowledge on **spring core, Spring Boot** and **Hibernate.**
20. Good database knowledge and experience, should be able to write complex **SQL queries**
21. Extensive experience in Tableau Server and Tableau Desktop in various versions of Tableau 9.x/10.x , 2018 and 2020.4
22. Worked with various versions in Tableau, **Tableau Server, Tableau Public and Tableau Online**
23. Worked with several application configurations including distributed, web, and client-server applications and cross-platform environment.
24. Well-equipped with Object Oriented Concepts and their implementation.
25. Always worked closely with system users and management personnel and gained reputation of loyalty, quick problem solving, and excellent teamwork and communication skills.
26. Active involvement in interacting with clients to gather the business requirements and providing timely solutions.
27. Rich domain knowledge with comprehensive understanding of various languages, operating systems &software’s. Enriched with the ability to learn new concepts & technology within a short span of time.
28. Self-motivated and self-reliant, capable of working alone or as part of a team.

**PROFESSIONAL EXPERIENCE:**

* Working as **Java developer,Tableau Developer And senior devops Engineer** in **TERA SOFTWARE LIMITED,** Hyderabad from July 2015 to till date.

**EDUCATIONAL DETAILS:**

* Bachelor of Engineering (Computer science engineering) **in SRM university (Chennai).**

**TECHNICAL SKILLS:**

Version Control : Git with Github,GitLab,Svn

Build Tools : Maven

CI Tools : Jenkins

Configuration mgmt tools : Ansible

Cloud Services : Azure , Amazon Web Service (AWS)

Container : Docker

Orchestration : Kubernetes

Scripting Languages : Shell scripting, HTML, yaml

Operating Systems : Linux, Windows

Monitoring Tools : Nagios, CloudWatch (AWS), Site24X7, Conviva, ELK

Languages **:**  J2SE (core java).

Web Technologies **:**  Html, CSS, JavaScript, Ajax.

Server-side Technologies **:** J2EE (Servlet, JSP, JDBC).

Frameworks **:** Spring MVC, Spring Boot.

ORM **:**  hibernate, JPA.

Web Service **:** JSON and XML parsing

Servers **:** JBoss, Tomcat 6.x,7,9.

Database **:**  MY SQL,Mongo,AuroraDB

IDE **:** Eclipse.

**PROJECTS ACCOMPLISHED:**

**PROJECT 1:**

**Project :** OPTCL

**Designation : Senior Devops Enginee**r**.**

**Team size :** 3.

**Duration : August 2020** – till date.

**Client :** Odisha Government

**Description:**

**OPTCL** is going to provide internet, television, phone service to every house hold in Odisha. OLT (Optical Link Termination), ONT(Optical Network Termination) are the two devices import devices to deliver internet. Maintains Complete data of customer's registration, extra services requested by the customer, etc.,

By this dash board in real time Olts and Onts are monitored in real time.

**Roles &Responsibilities:**

* Creating a DEV and QA environment daily before coming to the QA and DEV team.
* We will create on-demand builds when the DEV team requested.
* Experienced in adding new projects in Jenkins for building.
* Involved in Automation deployments on DEV, QA, Automation environments.
* Worked on Docker deployments on Linux guacamole (AWS) for the load test environment.
* Involved in Branching, Tagging, and Merging of code in Git.
* Support the engineering teams regarding CI/Build tools, Environments, and Automation.
* Experienced in solving critical build failure issues.
* Provided application logs through apache link.
* Involved in the scripting like Docker file.
* Experience in implementing Dockers image files, Jenkins Pipeline Scripts.
* Setup and Configured the continuous build system using Jenkins and running automation deployments.
* Troubleshoot and resolve issues related to application deployment and operations.
* Working with Jfrog Artifactory. And involved in creating new version Artifacts while changing the version.
* Involved in versioning using Git, Jenkins, Artifactory.
* Involved in creating load test environment (applied load balancing) using Docker deployments.

**PROJECT 2:**

**Project :** Apsfl

**Designation : Senior Devops Engineer**

**Team size :** 3.

**Duration :** Mar’ 16 – May 2020.

**Client :** Ap Government

**Description:**

**APSFL** is going to provide internet, television, phone service to every house hold in Andhra Pradesh. OLT (Optical Link Termination), ONT(Optical Network Termination) are the two devices import devices to deliver internet. Olt’s are connected directly to Network Operational Center (NOC), these are installed at specific locations. From Olts using splitters Onts are connected. Each house hold or customer provided with one ONT.

By this dash board in real time Olts and Onts are monitored in real time.

**Roles &Responsibilities:**

* 
* GIT and Jenkins integrated for configuration.
* Designing and implementing fully automated server build, management, monitoring and deployment solutions spanning multiple platforms, tools and technologies including Jenkins Nodes/Agents, SSH, deployment and testing.
* Performing deployments in multiple servers using CI tool Jenkins and Build and deploy the java applications and web based applications to middleware Servers like Tomcat using Maven scripts.
* Integrated Maven with Jenkins for the builds as the Continuous Integration process.
* Ensured all steps are successfully completed and document their completion times and issue logs.
* Understanding requirement analysis and developing as per requirement.
* Implementing business logic required for slots booking.
* Developing API’s needed for both Mobile Application and IOS to maintain consistency of data in real-time.
* Creating schedulers to send total booking for a doctor on that day respectively.
* Slots maintenance in according to app and web and clearance of bugs in real time as of needed.

**PROJECT 3:**

**Project :** Apsfl Reports

**Designation :** Tableau Developer**.**

**Team size :** 1.

**Duration :** Mar’ 18 – May 2020.

**Client :** Apsfl

**Project URL :** [https://reports.terasoftware.com](http://reports.apsfl.co.in)

**Description:**

**APSFL** is going to provide internet, television, phone service to every house hold in Andhra Pradesh. I am developing the reports for every module. There are 9 modules are there. So, I am creating dashboards for each module like payments, HSI Usage (high speed internet), Billing, field people’s attendance report and map (using latitude and longitudes. Developing Billing Dashboard for customer wise with quarter wise and year wise.

Calculating different formulas and functions.

**Roles &Responsibilities:**

* Create/manage Projects, Database Views, Data Sources and Data Connections using Tableau
* Aid in developing style guide for development of BI visualizations, design of components, naming of items, data source creation and naming
* Efficiently manage time for timely project deadlines as well as ad hoc requests
* Developing, supporting and integrating a variety of financial and billing
* Lead meetings with technical peers regarding the solution designs
* Build, customize and publish interactive reports, visualizations and dashboards using Tableau
* Familiarity with Cognos Reporting a plus
* Excellent knowledge of data warehousing concepts, theories and best practices

**PROJECT 4:**

**Project :** BSS

**Designation :** Software Developer**.**

**Team size :** 6.

**Duration :** Oct’ 16 – Mar’ 2020.

**Client :** Govt. internal project

**Project URL :** <http://bss.apsfl.co.in/>

**Description:**

This project is mainly related to AP Government, which provides HSI, Television, Telephone services to the customer as a support (Business support System).

Maintains Complete data of customer's registration, extra services requested by the customer, etc.,

Also maintains the data of service providers in field, LMO (LAST MILE OPERATOR), MSO (MULTI SERVICE PROVIDERS)

**Roles &Responsibilities:**

* Adding new pages according to client requirement and sorting out the issues and Support continuous improvement.
* Develop application code for java programs like Business logics.
* Coding new API's according to the client Requirement.
* Provide direct support to Manager as requested.
* Solving production application related issues if arises.

**PROJECT 5:**

**Project :** Insurance

**Designation :** Software Developer**.**

**Team size :** 10.

**Duration :** Oct’ 15 – Mar’ 16.

**Client :** 21st Century Insurance

**Description:**

The policy administration system is a important distribution channel for the agents along with a system that will allow the underwriters to easily and rapidly communicate with them. Each group of users have their own needs, and system enables to provide the right view, the right transactions and the right process flow for each one.

Claims processor module helps to analyze claims to determine extent of company’s liability, make approval or denial decisions and negotiate settlements with claimants in accordance with policy provisions and it also collaborate with insurance agents and interview claimants to correct errors , rectify omissions and investigate questionable issues and optimum service to policyholders, negotiate fair settlements and identifies fraudulent claims.

**Roles &Responsibilities:**

* Understanding the requirements and analyzing to implement.
* The Application was designed and developed with Spring MVC and Hibernate as the ORM.
* Developed Servlets for processing the User requests in point of sale module.
* Extensively developed supporting java Beans components in Eclipse IDE.
* Involved in Writing **Hibernate** Mapping Documents and Persistence Classes.
* Used **log4J** for enabling logging and debugging at the runtime.
* Used SVN as the Version control for Code Management.

**PROJECT 6:**

**Project :** **HRM-Human Resource Management**

**Designation :** Software Developer**.**

**Team size :** 6.

**Duration :** Mar’ 16 – oct’ 16.

**Client :** Adsii.com

**Brief description of the project:**

HRM Enterprise offers a choice of specialized modules designed to give you seamless, - centralized HR governance across your global business concerns. We can deploy HRM Enterprise that saves you time and budget in multinational settings. There are different modules like System Administration & User Roles, Personal Information Management, Leave/Time off Management, Time& Attendance Management, Recruitment, Employee Performance, on boarding and off boarding.

**Responsible for:**

* Understanding the requirements and analyzing to implement.
* Worked in the role-based authentication process involving admin’s, ESS (Employee Special Supervisor), 1st level supervisors, Regional admin, Employees, HR admin.
* Worked in the modules like System Admin and User Roles and Personal Information Management.
* Developed the extensive GUI in JSP and Servlets to maintain employee records with this comprehensive employee database.
* Developed PIM module which maintains employee profiles and job history and gives Centralized system you access to information.
* Prepared JDBC queries and modifications to existing database structure as required for addition of new features.

**Environment:**

Java se 6,7,8, Jboss Server, Servlet, Jsp, HTML, JDBC, Web services, MySql, Windows.

**PERSONAL DETAILS:**

First name **:** Venkata Ravi.

Last name **:** Rayapaneni.

Father’s name **:** R.Srinivasulu.

Date of birth **:** 13-10-1993.

Sex **:** Male.

Marital Status **:** Single.

Language’s known **:** English, Telugu.

Address **:**1-7-102a, Mahadevapuram, kandukur (M), Prakashm Dt.

Email **:** venkat.ravi916@gmail.com.

Mobile **:** 9790855891.

**DECLARATION:**

The above stated information is correct and complete to the best of my knowledge and belief.

Place: Hyderabad (Venkata Ravi)