**Sumitav Tripathy**

**HIGHLIGHTS**

A Technocrat with **near to 5 Years** of experience in IT Industry including freelance software development.

Around **3.5 years of experience in Full Stack Software Development and Support and near to 1.5 years in DevOps and Product Support**.

Well versed with SDLC including application development, customization, requirements analysis, design.

Developed web applications with **Model View Control (MVC) Architecture and Design Patterns**. Worked on **Java, J2EE, Servlets, JSP, JDBC, Spring, Struts, Hibernate, LINUX** etc.

Worked on **Oracle 10g Database, PostgreSQL and self learner in MySQL**.

Worked on **Servers JBOSS, IBM WebSphere Application Server (WAS), Apache Tomcat,** etc. Worked on **HTML, CSS, JavaScript**.

Worked on **Angular JS, Node JS, DevOps, AWS.**

Worked on **Spring Boot, Microservices, Cloud, DevOps, AWS.**

Having brief knowledge in **Unit and Functional Testing.**

**CERTIFICATIONS**

**Certified Professional Java SE 6 Programmer (OCPJP) Certification**

**Oracle Certified Professional Java EE Web Component Developer (OCWCD) Certification Cisco Certified Network Administrator (CCNA)**

**Cisco Certified Network Professional (CCNP) Routing and Switching**

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| **TECHNICAL SKILLS** | |  |  |
|  |  | Java 7, Java 8 |  |
| **Programming Skills:** | |  |
| **Operating Systems:** | | Windows, LINUX |  |
| **Database Software:** | | Oracle |  |
| **UI Technologies:** | | HTML, JavaScript, CSS, AJAX, JSON Angular JS, Node JS |  |
| **J2EE Technologies:** | | JDBC, Servlet and JSP |  |
| **Servers:** | | Tomcat, IBM WebSphere Application Server (WAS), JBoss |  |
| **Frameworks:** | | Spring 4, Struts 1.3 |  |
| **ORM Software:** | | Hibernate |  |
| **IDE:** | | Eclipse |  |
| **Building Tools:** | | Ant, Maven |  |
| **Version Controller:** | | Clearcase, SVN |  |
| **Build Automation Tool:** | | Jenkins |  |
| **UI Technologies:** | | HTML, CSS |  |
| **Ticketing Tool:** | | IBM tool, HP Sparks, Salesforce Tool, HP Application Lifecycle Management(ALM) |  |

**ORGANIZATIONAL EXPERIENCE**

* Working as a Software Engineer at Tarang Software Solution since June 2018 till Feb 2019.
* Worked as Software Designer I at Hewlett Packard India Software Operations, Research & Development, Hewlett Packard Enterprise from December 2014 to November 2017
* Worked as Software Engineer at UST Global, Trivandrum on Contract to Hire on Payroll of Ficus Technologies (India) Pvt. Ltd. from September 2013 to March 2014.
* Worked as a self-employed freelance developer during the interim periods.

**CORE COMPETENCIES**

Managing requirement gathering, Software Development, Client Interactions,

Providing post-implementation, enhancement and maintenance support – software to client for application.

Designing, developing, troubleshooting and debugging of the applications.

Ensuring integration with other modules, extending post go-live support, including training support to end-users.

Managing & providing technical guidance/support to the project team.

Defining suitable methodology to undertake the project with the available inputs for the requisite output.

**PROJECTS INVOLVED**

**INDUSTRY PROJECTS:**

**Project 1 : UDT Fleet Management System**

**Duration :** (June 2018 to till date )

**Client:** Volvo

**Technology:**Core Java8, Linux, Spring Boot ,PostgreSQL,ApachePOI

**Tools:** Maven,Jenkins, GIT, Postman, AWS

**Team Size:** 8

**Position:** Software Engineer

**Description:** Fleet Management System for UD Trucks to track the Geofence, Fuel Theft and Speed Alert, Report generation

Defect and bug fixing, deployment in servers, Monitoring of Servers, DevOps.

**Project 2 : FLYBROWNFIELD (In Hewlett Packard Enterprise)**

**Duration :** (Dec 2016 to Nov 2017 )

**Client:** Internal

**Technology:** Core Java8, Spring Boot, Microservice, Oracle11, Angular4, Rabbit MQ Server, Maven

**Team Size:** 4

**Position:** Developer

**Description:** Fly brownfield is solution of AIRLINE. It has search, booking, check In and Fares Micro service .It facilities

flight search, book, and fares calculation.

Responsibility:

* Used Spring Boot Auto configuration for built-in classes..
* Added Spring Boot Starter dependencies in Maven Config file.
* Used Embedded Tomcat Server and actuator end points.
* Designed and Implemented Micro services using Spring Boot. Created a separate schema per every micro service in database design.
* Added both REST and Messaging End points to communicate micro services through HTTP and AMQP protocols using Rabbit MQ Server.

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| **Project 3:** | **Mobile Device Management (In Hewlett Packard Enterprise)** | |
| **Duration:** | (Dec-2014 to Nov 2017) |  |
| **Team Size:** | 5 |  |
| **Environment:** | Java 1.7 | |
| **Technology:** | Spring 4.0 | |
| **UI Layer:** | JSP, HTML, CSS, JavaScript | |
| **Server:** | Jboss 8 (Wildfly) | |
| **Build Tool:** | Maven | |
| **DB:** | Oracle 11g | |
| **Description:** |  |  |

Network Operators around the world are realizing the need for a comprehensive management platform to provide more data services. They need a solution that can configure phones for services on demand, diagnose problems in real time, update firmware and software whenever required, monitor the user experience and secure customer information if needed. MDM is a completely modular solution, it enables operators to remotely diagnose, update, monitor and control the software, settings and services on wireless devices, throughout their lifecycle. This solution is an implementation of OMA-DM protocol and able to support all most all types of devices.

**Roles and Responsibilities**

* Designing requirement specification
* Worked as Developer in core modules of the project using Spring MVC and Spring JDBC.
* UI development using JSP, HTML, CSS, JavaScript.
* SOA Components using JAX-WS
* Project documentation.
* Build Automation using Jenkins, DevOps.
* Production Support.

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| **Project 4:** | **Central Equipment Identity Register (CEIR) (In Hewlett Packard Enterprise)** | |
| **Duration:** | (Dec-2014 to 10 Nov 2017) |  |
| **Team Size:** | 5 |  |
| **Environment:** | Java 1.7 | |
| **Technology:** | Core Java, Spring 4.0, Web Services, JSP | |
| **UI Layer:** | JSP,HTML, CSS, JavaScript | |
| **Server:** | JBoss8 (Wildfly) | |
| **Build Tool:** | Maven | |
| **DB:** | Oracle 11g | |
| **Description:** |  |  |

CEIR (Central Equipment Identity Register) This solution aims to control the use of lost, theft and cloned Mobile devices. All network operators reports lost/stolen device IMEI (device serial no.) to CEIR, and CEIR pass this info to other operator and mark it as blacklisted for further use. All the operators have profile assigned in CEIR which will decide the frequency of uploading and downloading the reported IMEI’s. CEIR also synchronize with GSMA IMEI DB repository to blacklist the device globally.

**Roles and Responsibilities:**

Designing requirement specification

Worked as Developer in core modules of the project using core java and UI development using Spring MVC Framework.

UI development using JSP, HTML, CSS, Javascript.

SOA Components using JAX-WS Web Services.

Project documentation.

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| **Project 5 :** | **Advanced Device Management Engine (ADME 3.3) (In Hewlett Packard Enterprise)** | |
| **Duration :** | **(Dec 2014 to July 2015)** |  |
| **Client:** | Internal | |
| **Role:** | Software Designer I | |
| **Technology:** | Core Java, Spring 4.0,Microservices Web Services, JSP | |
| **UI Layer:** | JSP,HTML, CSS, JavaScript | |
| **Server:** | JBoss 8 | |
| **Build Tool:** | ANT | |
| **Database:** | PostgreSQL | |

**Description:**

Advanced Device Management Engine (ADME) is a unique application by hp to be used by the telecom service providers to manage the devices used by subscribers remotely. HP Advanced Device Management Engine (HP-ADME) is a comprehensive Business Process Automation Solution for automation of real-time sensitive business processes in the mobile Device Management domain.

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| **Project 6:** | **Secure Messaging (In UST Global)** | | |
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| **Duration :** | **(Sept 2013 to March 2014)** | | |
| **Client** | **:** | WellPoint | |
| **Role** | **:** | Software Engineer | |
| **Platform & Skills :** Windows, Java, Struts 1.3, JDBC, Oracle, Multithreading. | | | |
| **Build Tool** | **:** | ANT | |
| **Server** | **:** IBM WebSphere Application Server | | |
| **Database** | **:** | Oracle | |
| **Description:** |  |  |  |

Secure Messaging is a WellPoint Internet application used by Providers and internal WellPoint operations associates. The purpose of the application is to provide a method for Providers to securely submit questions regarding claims they have submitted, and for the questions to be routed to customer service areas for efficient response. The Secure Messaging application uses an Oracle database to store the provider claim questions, along with the associate response.

**Release # 1:** HIX (Health Insurance Exchanges)

**Tenure:** September 2013 to December 2013

Generating Aging sub-queue report under admin real-time module.

**Role:** Headed Projects Development Lifecycle

Accomplished project coding by using Core Java, Struts and JSP Carried out Database Operations by using JDBC Mechanism

**Release # 2**: Users Assigned to a Queue

**Tenure:** January 2014 to till March 2014.

Generating Users Assigned to a Queue report under admin real-time module.

**Role:** Headed Projects Development Lifecycle

Accomplished project coding by using Core Java, Struts and JSP Carried out Database Operations by using JDBC Mechanism

**SUPPORT/MAINTENANCE AND DEVOPS PROJECTS :**

**Project 7: A1 (Support) (In Hewlett Packard Enterprise)**

Client: A1 Telecom, Austria

Role: Software Designer I

Platform & Skills: Linux

Server: JBoss

Database: Oracle

Brief:

Maintenance and Support of A1 Servers.

Testing of Devices,Automation by Python and Shell Scripting, Cron job, Jenkins

Monitoring of Databases, Analysing logs, SNMP Alarms, OTA testing

**Project 8: TIM (Support) (In Hewlett Packard Enterprise)**

Client: TIM Brasil

Role: Software Designer I

Platform & Skills: Linux

Server: JBoss

Database: Oracle

Brief: Maintenance and Support of ADME Servers.

Testing of Devices,Automation by Python and Shell Scripting, Cron job, Jenkins

Monitoring of Databases, Analysing logs,SNMP Alarms,OTA Settings

**PERSONAL & FREELANCE PROJECTS/POC FOR LEARNING:**

**Shopping Application**

**Technologies used:** AngularJS, NodeJS, ReactJS, Jquery, Java, Spring, OracleXE

**Banking Application**

**Technologies used:** Spring 3.0,Hibernate 3.2,Oracle XE,JSP, JQuery, JSON,AJAX

**ACADEMICS**

2009 B. Tech. (Electronics & Telecommunication) from SRM University, Chennai