**Pratap Singh**

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**Professional Summary:**

* Excellent development skills using Java, J2EE, Spring, Spring Boot, Micro services, Web Services, Hibernate(JPA) and other Technologies.
* Expertise in creating unix shell scripts for automation.
* Expertise in creating and transforming business requirements into functional requirements.
* Designed and developed efficient, reusable and reliable Java code in compliance with user requirements and established programming standards for web services using Spring Boot.
* Excellent knowledge in writing complex logics using Java.
* Strong knowledge in developing Micro services Application.
* Proficient with Software development methodologies like Agile (Scrum) Methodologies
* Proactively identified issues, bugs in the Application and proposed solutions for them.
* Contributed to team performance improvement as well as adhered to best application development and programming practices and standards.
* Strong leadership and mentoring skills as well as the ability to work collaboratively in a cross-functional team.
* Ability to prioritize and manage multiple tasks while working within strict deadlines.
* Have been Working in Telecom Domain since 4+ years.
* Working in Insurance domain since 4+years.

**Certification:** OCJP 8, Oracle Certified Java SE 8 Programmer.

**Work Experience:**

* Working as Senior Software Engineer at TCS from 2nd Dec 2015 to till date.
* Worked as a software Engineer at Tech Mahindra Ltd from Jan 2011 to Nov 2015

**Technical Proficiency:**

* Languages : Java/J2EE, SQL , Unix
* Server-side Technologies : Servlet, JSP.
* Development Frameworks : Spring Boot, Spring, Hibernate
* Soap Web Services : JAX-WS (cxf, Apache AXIS2),
* Restful Services : JAX-RS ( Resteasy, Jersey)
* XML Technologies : XML, DTD, XSD
* Database : Oracle 11g, mySql, Versant,
* Web Service Testing Tools : Soap UI, Postman, ReadyApi
* Design Patterns : Business Delegate, Singleton, Factory, Builder.
* Unit Testing Frameworks : Junit , Mokito
* Source Control : CVS, SVN ,GIT, TFS
* IDEs : NetBeans, Eclipse, STS, intellij
* Build Tools : Ant, Maven
* Agile Methodologies : Scrum
* Webserver/App Servers : Web logic 11g, Apache TomCat, JBoss
* Operating System : Windows, Linux
* Ticket Tool : Service Now

**Projects Summary:**

1. **Project Name** : Elife and Teleapp

**Client** : NYL

**Duration**  : June 2017– Till now

**Role**  : Senior Developer

**Description** : Working in an Agile project as Java back-end developer for one of the US largest Life Insurance client, New York Life.

This project aimed at developing SOAP based web-services using Apache CXF implementation to parse the XML data and persist it in Oracle database table using JPA/Hibernate, from where the persisted data is sent to Underwriting system for further processing of the business rules to convert

the quote to a policy.

**Roles & Responsibilities:**

* Coordinated with systems stake holders to finalize designs and confirm requirements.
* Worked on identifying and documenting project constraints, assumptions, business impact,

risks and scope exclusions.

* Developed XML XSDs for various XML message as part of the requirement.
* Involved in designing WSDL for the various web-services used by the application for

performing various operations. Used Document based messaging type in the WSDL.

* Learned about SOAP based protocols and creating XSDs. Used top down approach to

generate the java skeleton and stub classes. Used Http as transport protocol for our webs

services.

* Working towards developing java module for parsing and transforming ACORD schema

based XML files data as per business requirements.

* Working towards developing java module to process the XML data as per business rules and

requirements using Drools rule engine in the service layer.

* Working towards developing java module to persist the XML data using Hibernate into

various oracle database tables.

* Developed Junit test case for each requirement to debug and test code changes are properly

for the required scenario. Also used SOAPUI tool to test various test cases as per the

requirement developed.

* Implemented various design patterns like DAO, DTO, Facade, Adapter, Business delegate

and design by contract.

* Closely worked with Release management team for maintaining the stability of work-area and resolving any environment and ST related issue to maintain the flow the of application.
* Awarded with "On The Spot Award" for providing technical assistance to ASM and PSM team as part of production defects.

1. **Project Name** **:**Fault Management System

**Client**  **:**Ericsson

**Duration**  **:** Dec 2015 – June 2017

**Role**  **:** Senior Developer

**Description** **:**

Fault Management in OSS refers to the handling of notification sent by the network element or other services when there is any error or fault at network element or communication between OSS or network element. There can be events or faults at network element which may trigger the notification to OSS Fault Management System. There can be other services in ENM which may send notifications to FM which indicate network element related fault. Basic purpose of FM in ENM is to receive, process, persist, display and communicate error/alarms to other systems like other NMS(s). Using persistent data about alarms, user may know more about the fault trends as well.

Using FM, user comes to know about the severity and other details of the problem occurred in network and takes corrective action. When a notification is received by FM, it gains states until it is cleared and user acknowledges it i.e. until it is closed.

**Roles & Responsibilities:**

* Implemented the Alarm Monitor interface by using Restful web-services.
* Involved in Introducing of new nodes of different types(cpp/com-ecim) .
* Measured the performance of the interface and re-factored the code.
* Participated in code reviews.
* Introduced clean code activity in the project.
* Written Junit tests and integration tests by using arquillian.

1. **Project Name :** SBC-Internet-Services-App

**Client :** American Telephone & Telegraph, USA

**Duration :** Sep 2013 – Sep 2015

**Role** **:** Developer

**Description :**

**DBUS :** Internet Services Applications (ISA) consists of group of applications by AT&T. Both Tech Mahindra and AT&T are currently maintaining most of the projects in ISA. ISA supports the applications that are being used by ATT for maintaining member profiles of internet user like DialUp, DSL and Light Speed customer.

**EODS :** Email Operational Data Store (EODS) is a central repository of email address of customer and their choice of marketing preference to get promotional mail from AT&T

Provides facility to store email address and customer marketing preferences with account

**Roles & Responsibilities:**

* Parallel working on both components EODS and DBUS.
* Involved in the development of Web Interface like WIProcessor tool.
* I wrote various shell scripts to automate maintenance.
* Actively participated in the development of Save & Retrieve service for the EODS using Web Services
* Handled major task by creating & running the XML format scripts for testing purpose.
* Analyzing and fixing the Production related issues during testing phase.

1. **Project Name :** CSAM-UK

**Client :** British Telecom, UK

**Duration :** JAN 2012 – June 2013

**Role** **:** Developer

**Description :** CSAM-d (Configuration Service Activation Manager) is a web based application to configure 21cn voice services. CSAMd plays the role of Voice activation system in 21cn which aims to perform Plan and Build ,L2C ( Lead to Cash ) activities such as IP association, gateway Virtualization, customer creation etc on various 21cn elements like Call Servers, MGW, BGW etc.

**Roles & Responsibilities:**

* Low-level design analysis and coordination with designers for coding purposes.
* Estimation using Function Point Analysis
* Development of various applications like cartridges, interfaces, Web Applications.
* OMS and ASAP based component design and development.
* Understanding legacy codes like csam-d launchpad application, PL-sql cartridges and porting to web logic. Incorporating Automated Build procedures.
* Development of Graphical User Interface using JSF framework.
* Setting Standards for Code Quality using CheckStyles etc
* Release, delivery management and documentation.
* Preparing weekly issue status reports.
* Participation in release, sprint planning and retrospective meetings

1. **Project Name :** FAME MET-UAP Development

**Client :**British Telecom, UK

**Duration :** MAR 2011 – DEC 2011

**Role** : Developer

**Description :**Fame works for BT arms (BT Open reach i.e. BTO and RoBT i.e. Rest of BT projects working on Global services, Retails, Wholesales) hence forming two main arms BT-OR and RoBT. OR seeks for providing services to British Telecom the largest customer and RoBT provides the services to other telecom customers which relay on BT.UAPis a portal designing component for BT which works for it as a middleware.

In the initial phases EWM UAP and the Task Enablement capability is available only for BTO.   
UAP is an application that does the Task Enablement

* Task Enablement more of human intervention which is required for a task to be completed.
* EWM User Access Point provides the Web based user interface on top of METB.
* UAP will also use the METB DB to fetch the Field Engineering Task and Enablement Task related Information.

**Roles & Responsibilities:**

* Part of the Application Development team involved in providing Web based solution to client requirements.
* Exposure to Unit testing technologies like Junit.
* Self-motivated with good communication and presentation skills.
* Involved in Unit Testing, manual Testing, sanity Testing activities and prototype making.
* Analyzing and fixing the Production related issues during testing phase.

**Challenges Faced:**

* Learning and Understanding the Oracle ADF framework.
* Developing application using ADF.
* Getting hands on Junit technologies.
* In-time response over the critical production issues.

**Education Profile:**

* B.Tech in Electronics and Communication Engineering,completed in 2010 from Hi-Tech College of Engineering & Technology affiliated to JNTU.
* Board of Intermediate (+2) in MPC ,completed in 2006 from the Vikas Junior College.
* Completed schooling from Nish-shulk Prabhat High School in 2004.

**Personal Details:**

**Name :** Pratap Singh

**Father’s Name :** Late Moti Singh

**Date of Birth :** 29-08-1988.

**Permanent Address :** H.No. 10-1-192, Veer Nagar, Khairatabad, Hyderabad-500004

**Languages Known :** English, Hindi, Telugu

**Hobbies :** Playing Cricket, Pool, TT, spending time with family & Listening to Music

**Declaration:**

I do here by declare that all the above furnished information is true and correct to best of my knowledge.

**Pratap Singh**