**Kuldeep Singh**

Technical Lead

* **About Me**

**Software Development Professional with 11 Years of Experience in the Financial Services Industry**

A seasoned IT professional with over 11 years of expertise in software development and maintenance, specializing in designing and delivering robust technical solutions using **Java 8**, **Spring Framework**, and related technologies. Strong proficiency in **multi-tier application design** and implementation across a range of modern tools and frameworks, including **Spring Boot**, **Struts**, **Kafka**, **Kubernetes**, **Docker**, **RESTful Web Services**, **Oracle Coherence**, **JPA**, and **PL/SQL**.

Proven track record in driving the full **Software Development Life Cycle (SDLC)** within **Agile environments**, from requirements gathering to deployment, with particular strengths in **object-oriented programming (OOP)**, **design patterns**, and building **scalable, distributed systems**.

Key competencies include:

* **Java** and **Spring** expertise
* Strong **unit testing** and **automation testing** skills using **JUnit**, **TestNG**, and **Selenium**
* Experience with **defect tracking** and management tools like **JIRA** and **Quality Center**

Highly analytical and self-driven, with exceptional communication skills and the ability to work effectively with cross-functional teams and stakeholders. Recognized for **problem-solving abilities**, **team collaboration**, and delivering high-quality solutions in a fast-paced, dynamic environment.

**Employment History**



**Team Lead at Capgemini (2021 – Present)**

* **Fault Management System (FM) for Nokia**

The Nokia Fault Management System (FM) monitors, detects, and addresses network issues by analysing events and alarms across the network. This project involved implementing and enhancing Nokia's FM to provide real-time alerts for network disruptions, track faults, and perform corrective actions automatically or manually. It helped improve service reliability by ensuring timely fault detection and resolution in large-scale telecom networks

**Role and Responsibilities:**

* **Implemented fault management features**: Developed and Enhanced few modules for FM.
* **Event and alarm management**: Integrated real-time alarms for network issues and provided tools to categorize, filter, and respond to them.
* **Performance Optimization:** Improved system performance for faster fault detection and enhanced alert processing capabilities.
* **Collaborated with cross-functional teams**: Worked with network engineers, database administrators, and business stakeholders to deliver project goals.
* **Documentation and Testing**: Ensured thorough testing of fault scenarios and documented procedures for the deployment and maintenance of the system.

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**Date** : 07-Sept-1985

**Nationality** : Indian

**Linkedin**:www.linkedin.com/in/kuldeepsingh07222

**Skills**

Java 8



Kafka



Spring MVC



Kubernetes



Spring Boot



Hibernate



JPA



SQL



Mongo DB



DevOps



Docker



JavaScript



GraphQL



Microservices



Git

f

Maven



SVN



Apache Tomcat & JBoss & WildFly & Websphere



**Languages**

English



Hindi



**Technologies :**

* + - * Java**,** Spring Boot
      * Oracle Database
      * **Kafka, RESTful Web Services**
      * Kubernetes**,** Docker
      * Jira**,** Jenkins **for CI/CD and defect tracking**

**Senior Software Engineer at Tavant Technologies, Bangalore (2013-2021)**

* **Warranty System for IR customer. (Europe)**

**Environment**: Java 8, Spring, Microservices, Spring Boot, SQL Server, Maven, REST Web Services, Jenkins, AWS web service, jQuery, WildFly server.

IR Warranty is a flexible, user-friendly, and effective one-stop warranty management solution for the complete warranty lifecycle of original equipment manufacturers. Its unique cross-functional integration leads to a rapid reduction in warranty costs and reserves, increased supplier recovery, enhanced reserves forecasting accuracy, and better cash flow that help maximize profitability. The integrated workflow in our warranty management solution allows all stakeholders to collaborate and contribute to reduced warranty spend, improved product quality, and enhanced end-customer satisfaction.

**Roles and Responsibilities**:

* **Involved in Requirement and Analysis**
* **Design and Coding**
* **Full Stack developer**
* **Junit Testing**
* **Automation testing**
* **Doosan IRW Project For Doosan Corporation/Bobcat equipment. (Europe)**

**Environment**: Java 8, Spring, Micro services, Spring Boot, Oracle server 19c, Hibernate, Maven, REST Web Services, Jenkins, AWS web service, jQuery, WildFly server.

IRW Warranty is a flexible, user-friendly, and effective one-stop warranty management solution for the complete warranty lifecycle of original equipment manufacturers. Its unique cross-functional integration leads to a rapid reduction in costs and reserves, increased supplier recovery, enhanced reserves forecasting accuracy, and better cash flow that help maximize profitability. The integrated workflow in our warranty management solution allows all stakeholders to collaborate and contribute to reduced warranty spend to a rapid reduction in costs and reserves, increased supplier recovery, enhanced reserves forecasting accuracy, and better cash flow that help maximize profitability. The integrated workflow in our warranty management solution allows all stakeholders to collaborate and contribute to reduced warranty spend.

**Roles and Responsibilities:**

* **Involved in Requirement Analysis at client locations (Prague, Germany)**
* **Design and Coding**
* **Full Stack Developer**
* **Automation Testing.**
* **Web Service implementation**
* **Junit Testing**
* **TIVO Portal for TiVo Inc. Corporation (USA)**

**Environment**: Java 8, Spring, Micro services, Spring Boot, Struts, Oracle server, Hibernate, Maven, Web Services, Jenkins, AWS web service, jQuery, Tomcat server

The TiVo Inc. Customer Portal is an online platform where end customers can manage their subscriptions, view and pay bills, and access promotional offers. This system allows users to run promotions, apply discount codes, and manage billing cycles for their TiVo services such as TiVo Edge and TiVo Stream 4K devices. The portal supports various subscription plans, including monthly and lifetime options, and provides users with self-service features like viewing transaction history and updating payment information. It integrates billing and account management tools, allowing seamless subscription upgrades, renewals, and promotional offers for new and existing customers.

* **Subscription Management:** Allows customers to update or cancel their TiVo services.
* **Billing Management**: Customers can view bills, make payments, and manage billing preferences.
* **Promotions and Discounts**: Customers can apply promotional codes for special deals and offers.
* **Self-Service Tools**: Users can update personal details and manage automatic payments.

**Roles and Responsibilities:**

* **Involved in Requirement Analysis**
* **Design and Coding**
* **Full Stack Developer**
* **Automation Testing.**
* **Web Service implementation**
* **Junit Testing**

**Education:**

**MCA- Bangalore University** Bangaluru | 2009

**Certifications :**

**Java SE Certification- 2016**

**Software:**

**Published and Developed extension for Edge Browser:   
 https://microsoftedge.microsoft.com/addons/detail/nkhjhfbobgiogdiigmbaghomdilpmfod**