

MANIDEEP KUMAR

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All my notes @ <https://github.com/manideep-vv>

## **Experience**

I have around 7 years and 3 months of experience in Information Technology Industry. Having experience with the software development, testing, deployment and support of large scale, enterprise, distributed, web-based JAVA /Jakarta EE applications.

### **Major Strengths:**

- Around 6.1 years of experience in Development and implementation of large scale, Java/JEE projects.
- Experience in Developing applications using frameworks like spring Boot and Micro services and Messaging systems such as *kafka*
- Have knowledge on working with NoSQL databases like mongo DB
- Experience in development of web and enterprise applications using JEE technologies such as JDBC, Servlets,JSP ,JPA
- Experience in development of web applications using frameworks such a spring
- Experience In writing Junit test cases and analysing the Mutations using PIT Mutation tool
- Experience in working with deployment tool cloud Management portal(urban code)
- Interacting with onsite team during design and code review.
- Creating and Consuming RESTful Web Services based on requirement
- Experience in using GUI/IDE tools of IntelliJ Idea,STS ,RSA,GIT,Github
- And have knowledge on Basics of spring Batch

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### **Wells Fargo Experience**

I Have been with wells fargo client since 2 years

- Worked in FX Project on Java Akka framework and solace MQ
- Worked in 1DSTR project (TCOO LOB) from scratch phase on kafka, mongodb, Spring boot, Microservices
- Worked in SDP Project from (TCOO LOB) on spring boot, Microservices, Kubernetes

### **Professional Experience**

- Currently working in TCS Hyd: For Wells Fargo client Since July 2021
- Worked as a Jakarta EE developer in Virtusa corporation for 1.5 Years
- Had around 3.7 years of experience in HTC Global services since 2016

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## Technical Skills

Languages:	Java (11) / JEE ,SQL
JEE Technologies	JDBC, Servlet, JSP , JPA ,JNDI
Distributed Technology	RESTful Webservices (JAX-RS)
Application Framework:	Spring
ORM Framework	Hibernate
Spring Application Development Approach	Spring Boot (3)
Spring framework Modules	Spring Core, Spring JDBC, Spring AOP ,Spring Data Mongo DB ,Spring MVC , Spring cloud , <i>Basics of <u>spring Batch</u></i> , Spring security (OAuth 2.0 ,JWT)
<b>Spring Boot Micro services Design patterns</b>	Config server backed by GIT and Mongo DB, Eureka service Registry , Hystrix , Resilience4j
Distributed Framework	Spring REST
<b>Messaging Systems</b>	<b>Kafka</b> , Solace Message Broker
Databases:	NO SQL Database- Mongo DB, SQL Db's-Oracle ,
Misc frameworks/API,Libraries	Shedlock, Lombok, Gson,Json
Containerization tool & Container orchestration tools	<b>Docker &amp; Kubernetes</b> , basic knowledge on docker swarm
UI	HTML, JavaScript, JQuery
Servers:	WebSphere Application Server(WAS) 8.5, Apache Tomcat 7
Testing Frameworks	Junit (5) ,Mockito 3.5, Easymock, Powermock, Gherkin,

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	BDD framework -karate
IT automation tools	Basics of Ansible
Build and Deployment Tools	Maven, Gradle, Team city ,Jenkins, Urban Code,
Other Tools:	Intellij idea, JIRA, IBM DB2, IBM Data Studio, Tortoise GIT ,SOAP UI, Kraken, Splunk, HP-Service Manager, SVN,PIT Mutation , Server restart tools-Autosys,Tectia Code analysing tools (scans tools)- checkmarkx , Blackduck,SonarQube, SonarLint, IBM Dynamic scan tool , Visual GC
Methodologies	Agile, Waterfall

## Project Experience

**Project Name** : SDP

**Client** : Wells Fargo

**Duration** : January 2023- Till date

**Role** : Java developer

### **Project Description:**

SDP is an operational data store which stores the payment related information for Defaulted & bankruptcy customers, and it will stores all the Payment plan information and it will stores all the Text, email, push notifications that has been sent to customer on which a analytics platform will be built using the stored data

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Technically, our application is a real time data ingested where we will receive our feed from 7 Kafka topics from different upstream sources,

Whereas this application is

- built on java 11 and
- Spring Boot framework and
- backed by No SQL Mongo Database and
- integrated with kafka System which is the source of input for this application
- Deployed on kubernetes cluster

### **Responsibilities**

- Worked on Kafka listener modules and wrote main logics to consume avro, json data from many kafka topics using venafi certificates
- Worked on implementing the micro services patterns like *Resilience4j* for retry mechanism when we are interacting with CCODS cycle date api
- Worked on on-boarding and deploying application to kubernetes cluster and with HELM package manager
- Actively helped co-team members and SRE team to deploy our application to kubernetes cluster with helm commands
- Perform code reviews by checking if the written code is adhering to standards or not

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### **Project Experience**

**Project Name** : DSOS – Disaster Order system

**Client** : Wells Fargo

**Duration** : May 2022- Till date

**Role** : Java developer

### **Project Description:**

Disaster order system is an internal application used by the collectors of Wells Fargo Bank. The intended use of this application is to provide the benefits for the customers who are defaulters their regular payments of credit cards and retail customers.

Whereas this application is built on java 11 and Spring Boot framework and backed by No SQL Mongo Database and integrated with another kafka System which is the source of input for this application

### **Responsibilities**

- Worked on implementing the Mongo appender which is responsible to log any error to database asynchronously as and when exception arised and worked on logging REST svc request and responses into Mongo database
- Worked on Kafka listener modules an code with microservices patterns like Resilience4j

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- Implemented Caching mechanism using EH cache and worked on scheduling cron job and utilised *shedlock* libraries to avoid Duplicate Cron job processing
  - Worked on DSOS components and implemented some of the business functionalities like Overlap scenario and integrating with other applications like FISERV

**Project Name** : DSOS – FX desktop

**Client** : Wells Fargo

**Duration** : July 2021 –April 2022

**Role** : Java developer

**Project Description:**

Fx Desktop is a Forex Trading application built on Java FX as Front end using Akka and spring Frameworks. Which serves the purpose of Booking and processing Trades and trade conversion and Incorporates many trade functionalities such as splitting merging trades and managing customers and trade pricing generating Acknowledgements on received MQ messages

**Responsibilities:**

Worked on Bswift Blotters for screens live update mechanism using spring JMS module responsible for sending MQ messages to temporarily dynamically created solace Queues

Where we have used java akka framework and reactive Java for asynchronous processing

Worked for many JIRA enhancements tasks on Java back end by adhering to Wellsfargo standards

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## **EdealerServices**

**Role:** JEE Developer and Responsible for Major enhancements

**Client:** Citi ,Newyork

**Project Name-** EdealerServices (WHACK,BOACK submodules)

**Client Location:** US

**Project Duration:** March 2020 – June 2021

**Technology:** Java

**Spring Framework Modules** - Spring JDBC, Spring AOP

**Description:** Edelaerservices is a standalone application which serves as a complete backend responsible for generating Acknowledgements on received MQ messages which are generated by upstream projects such as edealer and pulse applications

### **Contributions:**

- worked on implementing Spring integrated Aspect-J AOP module to redirect the deals booked and perform validations on incoming MQ messages
- Perform the secondary logics such as Database connection statuses before actual message processing.
- Integrated the developed framework jar against the edealerServices services Module.



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## **EdealerDatabaseServices**

**Role:** Java Developer

**Client:** Citi ,Newyork

**Project Name-** EdealerDatabseServices

**Client Location:** US

**Project Duration:** March 2020 - October 2020

**Technology:** Java

**Spring Framework Modules** - JDBC

**Description:** EdelaerDatabaseservices is sybase to oracle migration Jar which is developed by us responsible for database switching at runtime and supports parallel execution of queries and storedprocedure using JDBC methodology utilising implemented global transaction management

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## **FIT**

**Role:** Associate Software Engineer

**Client:** State Farm Insurance company ,Bloomington

**Client Location:** US

**Project Duration:** Nov 2016 – Nov 2017 & Dec 2018- Nov 2019

**Technology:** Java-Spring MVC, Spring REST, Spring JDBC, Spring Boot

**Role:** Java Developer and Responsible for Minor and Major enhancements

**Description:** Federal Income tax application is used to create a new kind of tax calculation which was an alternative to calculation of tax which has been carrying in paper, It enables the tax calculation for all the involved companies with the specified formula's where the inputs are received from different areas and the results are generated in excel sheets which will be verified by business partners

### **Contributions:**

- Coded for controller layer and wrote Junit test cases-maintained PIT Mutation coverage
- Involved in Design and Implementation of several Major enhancements.
- Involved in staging and deploying the code into different environments  
{dev, QC, Pre-prod, prod}
- Designed and delivered the code on-time with quality.
- Communicated with Client on regular basis and updates status.
- Organized requirement review meetings and solved queries regarding ambiguous requirements.

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- Fixed defects during testing phase.
  - Created and maintained process oriented documents for project.

### **A2A**

**Client:** StateFarm Insurance company ,Bloomington

**Client Location:** US

**Project Duration:** DEC 2017 – Nov2018

**Role:** Java Developer and Responsible

**Technology:** Java, Spring MVC, Spring REST, Spring JDBC, Cloud sdk

**Description:** A2A application is used to establish the relationship among the supervisor and participating agents which decides the percentage of share among them according to the roles and responsibilities. A2A application helps to find the existing relation and allows to update the associate location details

**Responsibilities:**

- Coded for business layer and consumed 3<sup>rd</sup> party webservice REST components
- Requirement gathering and analysis.
- Provides work estimates.

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- Design document preparation.
  - Worked on development and writing Junit test cases and maintaining the mutation percentage.
  - Production Deployment and Monitoring using CMP.
  - Static & Dynamic scan vulnerability fixes.
  - Involving in Bug fixing.

**Education:**

- Completed Bachelor in Electronics and Communication Engineering from P.R.VITS college of Engineering (Affiliated to JNTUA University), Kavali. A.P
- Completed Secondary Education with 86% from Narayana , Nellore.

**PERSONAL PROFILE**

Name : Manideep kumar

Date of Birth : 12-June-1994

Nationality : INDIAN

Marital Status : Married

Place : Hyderabad

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Thanks,  
Manideep