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**Neeta Sahay**

**Full Stack Developer with Machine Learning skills**



**Career Objective**

* To work in a technically challenging environment and serve to the best of my abilities; contributing towards the growth of the organization as well as my own growth as an individual in all aspects.



**Summary**

* Total 10.5 Years of experience in IT with strong experience in full stack development in Banking and Financial domain.
* Proficient in developing web-based application in Spring Boot, Java/J2EE technologies with Spring MVC, Struts, REST frameworks and integration with relational Databases using hibernate.
* Actively involved in designing solution and product architecture and framework
* 2+ year of experience in Kafka
* 4 years of experience in Web UI development using Angular JS, Angular 6, JavaScript, HTML/CSS
* Hands on experience in SDLC, Scrum Agile model which includes active collaboration with Product, and other stakeholders, analyzing epics and stories to design and implement application APIs, services and web interfaces
* Experience in writing unit tests cases using Junit, Mockito & Power Mock.
* Experience in automation testing using Protractor.
* Good exposure to JIRA, Jenkins, SonarQube, Veracode, Bugzilla , Rally
* Active contributor in proposing new ideas and enhancements in product with prototypes/POCs, which are accepted and included in products.
* Exploring Machine learning technologies like Python, Pandas, NumPy, Scikit-learn, Matplotlib, Jupyter IDE, Spyder IDE.
* Pioneered exploring the usage of AL/ML in the product, done various POCs in ML /AI like Payment Date Prediction, Balance forecast, in-house OCR, Chatbot



**Employment Details**

* Working as Senior Member of Technical Staff in VMware since Nov 2022
* Lead Software Engineer Great Software Laboratory since Dec 2020 to Nov 2022
* Special Product Development in FIS Global from July 2016 to Dec 2020
* Senior Software Engineer in HSBC from Oct 2015 to July 2016
* System Engineer in TCS, client Barclays, from Dec 2012 to Oct 2015



**Technical Skills**

* **SDLC skills** - Requirement analysis, Low level designing, Agile development, Story Estimations,
* **DevOps Tools** - Jenkins
* **Languages** - Core Java, J2EE, SQL, JavaScript
* **Technologies** – REST, Soap Web services, KAFKA, JSON, XML, HTML, CSS, Jackson, Apigee, KeyClock, Cloud AWS, Elastic Search
* **Framework** - Spring MVC, Spring Boot, Struts 2, Hibernate, Angular, Jasper Reports, Junit, Mockito, Power Mock, Spring Security, React Js
* **Tools** – Eclipse IDE, Jenkins, Maven, Gradle, JIRA, Rally
* **Databases -** Oracle, MS SqlServer, PostgreSQL,Corfu
* **Source Control -** Subversion, GIT
* **Certifications -** OCJP, DB2, Machine Learning Specialization from IIT
* **Automation -** Protractor

# Technologies Exploring – AI /ML, Salesforce



**Experience & Project Summary**

* **NSX Nov 2023 [ Current Job]**

VMware NSX is a network virtualization and security platform that enables the virtual cloud network, a software-defined approach to networking that extends across data centers, clouds, and application frameworks.

**Role:** LeadJava developer, working with architects to design the solution,

Involved in doing POCs, leading and developing a major architectural change in the SaaS.

# Tools/Technologies:

* + Java 11, Spring, Corfu DB, REST, Bazel, Docker, Kubernetes, AWS, Junit, Mockito, Jenkins
* **B2E From Dec 2020 to Nov 2022**

A microservice based platform to cater multiple service providers, aimed to be generic enough with multi-tenant support, where each tenant will be a different business altogether.

**Role:** LeadJava developer, working with architects to design the solution, technically leading the sprint team

Involved in designing modules and components for platform and messaging

# Tools/Technologies:

* + Java 11, Spring Boot, Micro services, KAFKA, JPA, REST, Gradle, Elastic Search, KeyClock, Docker, Kubernetes, AWS, Junit, Mockito, Jenkins, SonarQube, Machine learning, React JS
* **Getpaid FIS 2016 - 2020**

FIS product for managing E2E Receivables, including collection, disputes, cash, report and credit management

**Role:** Java developer, also involved in designing, automation, code reviews.

Involved in designing interfaces and components for Migration from Struts to REST and Angular, technically leading the sprint team,

# Tools/Technologies:

* + Java, Spring, Struts, Spring Boot, Angular 6, Micro Services, hibernate, REST, SOAP, Maven, Salesforce, Jasper Reports, Junit, Mockito, Protractor, SonarQube, Machine learning

# Details:

* + It is a Rest Based services meant for managing receivables.
  + With this product, organizations can aggregate data across multiple systems for a single view of collections risk. Then with embedded workflow and automation, the solution will build work queues and send notifications for accelerated collections.
* **Machine Learning Projects –**

1. **Customer Payment date prediction** - supervised learning-based algorithm to predict when a customer is likely to pay the invoice using historic data.

* Started with POC, data gathering, cleanup and model implementation
* Worked with various team to gather data for analysis
* It was well acknowledged by higher management and sales, later added in product.
* Also won award for Idea and implementation

1. **Customer Balance forecast using supervised learning using past data**

* Started with Data analysis, cleanup, worked with Data Scientists to implement the dynamic modelling as per customers’ data
* Also involved in integration with product ecosystem
* Worked with various team to gather data for analysis
* Selected among Top 10 ideas in 2020

# Due Diligence for KYC HSBC 2015-2016

**Role:** Java developer, involved in designing services as well

# Tools/Technologies:

* + Java, Spring, hibernate, SOAP, EJB- MDB, JMS, WAS, Maven

# Details:

* + Soap-based services meant for KYC (Regulations)
  + It provides functionality to create and report regulatory profiles for clients and report it to the respective regulators.

# Portal for Corporate Customers Barclays 2013-2015

# Tools/Technologies:

* + Core JAVA, Spring MVC, AOP, Web Services, Oracle, Ajax, JSON, Angular JS

# Details: A portal meant for Corporate customers, so that they can access various application via a single application i.e., iPortal

# Reusable Authentication Module for Barclays Application

**Role:** Application Developer / Involved in designing too

# Tools/Technologies:

* + Spring MVC, Web Services, Spring data, Oracle, Ajax, JSON, JQuery

# Details: A reusable module which will provide authentication services for all the applications in Barclays.

# Web Application for Barclays Bank UK

# Role: Application Developer

# Tools/Technologies:

* + Spring MVC, Hibernate with JPA, Web Services, Oracle, Ajax, JSON, JQuery

# Details:

* + In UK, there are two organizations: Company house and HMRC which enables the user to register their company and register for taxes.
  + The project is a web-based application which is meant for UK by which users can register in Company house and HMRC without actually vising these organizations.
  + The project also serves the purpose of maintaining a task list and diary.



**Educational Details**

* BE with Computer Science with 67% from PCCOE, Pune (University of Pune) in 2012
* HSC with 83%from DAV Public School, Haryana in 2007
* SSC with 92% from DAV Public School, Haryana in 2005



**Declaration**

I hereby declare that the information furnished above is true to best of my knowledge.

**Place:** Pune Neeta Sahay)