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About: I am an experienced Software Designer and Technical Leader with close to 9 years of work specializing in design, development, and enhancement of Java-based projects. My expertise spans across distributed systems, microservices, and cloud native solutions using AWS and other technologies. I have successfully led teams, managed stakeholder expectations, and delivered high-performance and scalable applications, demonstrating strong analytical and leadership skills throughout my career.

SUMMARY

- Close to 9 years of overall experience in leading **design, development and enhancement** of Java based projects with diversified exposure in analysis, design, development, and implementation of web-based applications.
- Strong Programming skills in design and implementation of distributed systems creating multi-tier applications using **Data Structure, Algorithms, Object Oriented Design**, Core Java, Java EE, Restful web services, Spring MVC, Spring boot, JPA, API Gateway, Hibernate, Mongo DB, AWS and JAXB.
- Hands on Experience in **Microservices and Software Development Life Cycle (SDLC)**, TDD/BDD with a blend of proficiency and leadership in Agile Methodology.
- Having **experience in Databases like SQL Server, Oracle, PostgreSQL, and Mongo DB**.
- Hands on Knowledge of Amazon Web Service (AWS) EC2, ECR, ECS, Terraform, Docker, Kubernetes and Continuous Integration with Gitlab.
- BPM Workflow management: Around 4 years' experience in working with IBM BPM(BAW) and now Camunda BPM specializing in workflow development and integrations.
- Good communication, collaboration & team building skills with proficiency at grasping new technical concepts quickly and utilizing the same in a productive manner.
- Good Exposure in Requirement understanding and implementation along with stakeholder management.
- Strong analytical skills have been quick in learning and grasping things and a quick learner in adapting to new technology with ease.

KEY SKILLS

- Technologies : Core Java, J2EE, Servlet, JSP, JDBC, Web Services (Restful), SOAP, ORM(Hibernate), IBM BPM, Camunda BPM, SLF4J, JMS, XML, JSON, XSL.
- Framework : Spring, Spring MVC, Spring Boot, DAO in Spring Frameworks, Spring cloud, Mockito
- Cloud : AWS, PCF
- ORM Framework : Hibernate, JPA
- IDE : IntelliJ Idea, Eclipse 3.x/4.x
- Unit Testing : JUnit, Mockito
- Build Tool : Maven
- Database : Oracle 10g/11g/12c, MySQL 5.6/5.7, Postgres DB
- Tools : SOAP UI, Postman
- Server : Apache Tomcat
- SDLC : Agile, Waterfall
- Other skills and Technologies used: Data Structures, Algorithms, Object Oriented Design, Apache Kafka, MQ, Consul, Spring Config Server, Docker, Kubernetes, Gitlab, Bitbucket, TeamCity, Jenkins, APIGEE, IBM BPM, Unix Scripting, Splunk, Problem Solving.

CERTIFICATIONS

- TOGAF® Certified Enterprise Architect.
- AWS Certified Solutions Architect Associate.

- Certified Scrum Master and Product Owner.
- Java Certification Course – Simplilearn

EMPLOYMENT HIGHLIGHTS

Fraud Prevention CoE - NatWest Digital Services India

Jun 2024- Present

Role	Associate Vice President - Lead Software Designer
Technical Environment	Java8, AWS, APIGEE, Mockito, JUnit, JMS JAX-RS, XSL, XML, Rest Webservices, GitLab, Spring, SQL, Consul, TeamCity, PCF, IBM BPM, Camunda, Apache Kafka.
Project Description	Working as part of Agent Tooling Team within Fraud and Chargebacks area which helps in processing and resolving Third Party Scams.
Responsibilities	<ul style="list-style-type: none"> • Performing investigations and investments in complex areas; designing and delivering features end-to-end, including system architecture, code, deployment, scalability, performance, and quality. • Designing and implement scalable, reliable, and maintainable services on cloud platforms, ensuring high availability and resiliency. Leading delivery of strategic projects and creating HLSD, LLD and Component Diagram for the application. • Demonstrating strategic understanding of design choices, contributing to product and service design that meets customer needs. • Drive design reviews and apply expertise in distributed systems, telemetry, and SaaS components. Apply metrics to improve code quality and service stability, with a strong sense of accountability for user experience and service reliability • Collaborate with geographically distributed teams, including Product Managers and developers, to enhance backend engineering systems and SaaS infrastructure. Resolve live-site performance issues and deliver architecture solutions aligned with global rollout strategies. • Modification and extension of the existing functionalities using Rest Controller in Spring framework to create RESTful Web services and JSON objects for communication • Lead and mentor engineers, acting as a code and design reviewer, while driving continuous improvements.

Fraud Prevention CoE - NatWest Digital Services India

Oct 2022- Jun 2024

Role	Senior Software Designer
Technical Environment	Java8, Mockito, JUnit, JMS JAX-RS, XSL, XML, Rest Webservices, GitLab, Spring, SQL, Consul, TeamCity, PCF, AWS, APIGEE, Apache Kafka.
Responsibilities	<ul style="list-style-type: none"> • Worked as part of Digital Self-Serve team within Fraud Prevention which contains an UI linked to customer's e-Banking channels. • Responsible for designing and implementing the user requirements in agile methodology. • Debugging & Reviewing code, resolving and fixing bugs. Implementing CICD pipelines in TeamCity and Migrating to Gitlab Modification and extension of the existing functionalities using Rest Controller in Spring framework to create RESTful Web services and JSON objects for communication

Ministry of Defence (Finance) – GOI

Jan 2022- Oct 2022

Role	Technical Specialist(Auditor)
Technical Environment	Oracle SQL, JavaScript, XML, Microservices

Project Description	E-Office implementation for adoption of online APAR (SPARROW), utilization of e-Office to reduce paper circulation and building online data hub.
Responsibilities	<ul style="list-style-type: none"> Responsible to implement e-Office across the TA section of the Navy Accounts department. Resolving bugs by communicating to the vendors. Data Analysis and automating the extraction of monthly records for Naval Pay Office.

Fraud Prevention CoE - NatWest Digital Services India

Mar 2021- Oct 2021

Role	Senior Software Designer
Technical Environment	Core Java, Spring, Spring Boot, Microservices, IBM BPM, Elastic Path, Mockito, JUnit, JMS, JAX-RS, Jenkins, GitHub
Project Description	Led the SCAMS Case management solution to design and develop application using JavaScript (IBM BPM) and Micro services (IID) to cater the needs for all scams raised under the non-plastic cards across all brands for RBS group. I was also involved in solely developing and maintaining PROD instance monitoring tool which help our business save 1 FTE by automatically resolving defects and process failed cases.
Responsibilities	<ul style="list-style-type: none"> Leading UI and Microservice team for SCAMS application. Responsible to Design and Develop application from scratch to its First successful release. Responsible for leading the team, working on requirement gathering, scheduling scrums/retrospective, grooming stories. Design and Development of LLD and HLSD and Component diagrams along with debugging & reviewing code, resolving and fixing bugs and writing for JUnit test cases. Modification and extension of the existing functionalities. Interaction with onsite team for gathering requirements and day to day Jira and Share point updating & organizing quality work.

Digital Process Automation - NatWest Digital Services India

Mar 2018- Feb 2021

Role	Software Designer
Technical Environment	Core Java, J2EE, Restful Web-Services, IBM BPM, Soap Web-Services, Microservices, JavaScript (IBM BPM), Json, Xml, UrbanCode, Oracle SQL, PL/SQL, Unix Scripting.
Project Description	To design and develop JavaScript (IBM BPM) and Spring based application to detect and resolve all debit, credit and other plastic card frauds/ disputes across the bank. I also suggested and implemented a solution for Application Management team which reduced the dependency on third party tools & saved around 1 FTE in costs including CI/CD pipeline creation for the project on Jenkins and TeamCity.
Responsibilities	<ul style="list-style-type: none"> Understanding the requirement of implementation. Development and enhancement of any module along with resolving and fixing bugs. Modification and extension of the existing functionalities and Interaction with onsite team for gathering requirements.

Fixed Income Technology - NatWest Digital Services India

Jun 2017- Feb 2018

Role	Software Engineer
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Technical Environment	Core Java, J2EE, Restful Web-Services, Soap Web-Services, Microservices, Json, Xml, Angular JS, TeamCity, PL/SQL.
Project Description	Created a bank wide single dashboard using Java MicroServices and JavaScript for managing trade feeds and flow of trades to Central Risk Engine to calculate the final risk involved in pricing trades and parameters associated with it by considering various enterprise-wide risk measures.
Responsibility	<ul style="list-style-type: none"> Understanding requirement specifications and develop the code involving integration of spring MVC with Hibernate. Developed User defined Exceptions for each request and response. Implemented Java EE components using Spring MVC, Spring IOC. Used Hibernate HQL query the database and perform other CRUD operations.

Global FX - NatWest Digital Services India

July 2016- May 2017

Role	Graduate Analyst
Technical Environment	Core Java, J2EE, Restful Web-Services, Soap Web-Services, Microservices, Autosys, MySQL.
Project Description	<p>I was part of Global FX team from Currencies domain, it was a front office Trade booking platform offering services for booking Spots, Options and forwards. The application catered to London, New York, Singapore as trading centres. I mainly worked upon creating runners for different processes which were ultimately deployed successfully to Production, and I was awarded a quarterly ovation award as it reduced around £48k from project costs.</p> <p>I was also given an opportunity in Strategic Transaction Management & Registration (STR) where my role was to use the API's provided by a third party and reconstruct them to create an application that will contribute towards centralizing RBS data centres, so that the normal user operations can be speedy and less time consuming at the same time easily manageable as it will reduce data duplicity across teams.</p>
Responsibility	<ul style="list-style-type: none"> Responsible for developing Microservice Based Runners to facilitate trade booking platform based on user's requirements. Creating of Microservices that collate data from third parties and stores it in data center to streamline data storage. Understand the requirements and analyze them and provide the technical solution.

SCHOLASTIC CREDENTIALS

Course/Degree	Discipline	Board	Grades (%)	Year Of Passing
Graduation – BE/B.Tech	Electronics & Communication Engineering	Motilal Nehru NIT Allahabad, Prayagraj	83.8	2016
Senior secondary Others	Science	CBSE	88.2	2012
Higher Secondary	NA	ICSE	88.0	2010