

Abhinav Singhal

Senior Application Developer

8105453484-|| abhinav27singhal@gmail.com || Bangalore, Karnataka

Professional Summary

7+ years of industry experience in **Software Development** across various stages of **SDLC** using **Agile Methodologies**, building and maintaining **Middleware Architecture**, **Web Application**. Extensive experience in **designing and formulating** development framework, feature development, and implementation plan.

Experience

IT Software Engineer, Senior (November 2020 – Present) || Danske Bank.

Responsibilities

- Working as a Java developer in an individual contributor role.
- Developing and designing a micro-service based solution for automating the Core Decision Making process of the bank until Credit Fulfilment and Credit Utilization.
- Maintained best Java coding practice by incorporating viable design patterns with a detailed focus on maintaining separation of concern using synchronous and asynchronous communication channels.
- Focused on team development by creating a growth plan through continuous code reviews, skill-based knowledge sessions.

Highlights

- Worked from scratch to build a solution to mitigate the risk associated with the lending process in the core-banking domain. Language used – JAVA, RabbitMQ, and openshift.
- Direct interaction with business stakeholders and managed the team to deliver user stories to success.

IT Technology Consultant (November 2018 – November 2020) || SAP Labs India.

Responsibilities

- Worked as a BRIM consultant (Convergent Mediation).
- Worked as a Java developer in an individual contributor role. Helped in developing and formulating a middleware orchestration engine entirely developed and managed on SAP Cloud Platform. (**Pivotal Cloud Foundry**). The project was built on micro service architecture, which included the following components- Spring boot, Spring Data JPA, and Spring Cloud(Service discovery, Service authentication (XSUUA tokens), Resiliency) and HANA Cloud.

Highlights

- Submitted proof of concept (POC) to the business for predicting the credit scores/credit trends using the past credit ratings using the HANA PAL (Predictive Analysis Library) and various python modules (NumPy, pandas, scikit learn).
- Developed a spring-boot/Mongo DB based JAVA application to track the progress of each release and the artifacts associated with it. Deployed the final application to the pivotal cloud foundry.
- Successfully designed an end-to-end application using CDS annotations and standard FIORI UI elements, which allowed business to monitor the metrics including business reports, customer's segregation within regions, public-private buyers' information and various other KPI's.

Senior Application Developer (February 2014 – January 2018) | | Accenture Services Pvt. Ltd.

Responsibilities

- Led a team of three Application Developers responsible for delivering change-requests/functional requirements for a leading telecom company in Saudi Arabia.
- Understanding client requirements and breaking them into design level documents (HLD LLD), thus creating a roadmap for implementing them into low-level code functionality.
- Ensured SLA by maintaining the integrity of the production and development environment through continuous integration using Jenkins and analyze fixed bugs and defects for future prevention.
- Maintained the best JAVA coding practices by creating and maintaining SONAR code quality custom rules.

Highlights

- Submitted Proof of Concept (POC) establishing the process to test the reliability of message queues by integrating the IBM MQ with SOAP UI.
- Improved the efficiency of the team by
 - enabling early identification of bugs/defects in the applications using SONAR code quality custom review rules, and
 - Reducing manual unit testing efforts by implementing Mocker Frameworks based tools in JAVA (Power Mocker and Mockito.)

Education

Qualification	Year	School/Institute (Board/University)	Marks
B. Tech (Computer Science & Technology)	2010-2014	Jaypee Institute of Information Technology, Noida	7.7/10 (82%)
XII Std.	2009-2010	CBSE	80%
X Std.	2007-2008	CBSE	92%

Languages and Technologies

- **JAVA 1.7/1.8**, PL/ SQL, Spring MVC, **Spring Boot**, **Spring JPA**, CI/CD (Jenkins, Open-shift). Docker and Kubernetes.
- SVN/ **GitHub/Clear Case**, Maven. Cloud Development and deployment experience (**AWS/ Cloud-Foundry and Neo**)
- JIRA, Eclipse, GitHub Desktop.

Certification

- Level 1 certification for **Work soft Certify: Web Test Automation**
- Mediation Zone Foundational Training – Provided by **Digital Route**
- **Currently pursuing Kubernetes Application Developer Certification (CKAD) from the CNCF.**

Hobbies and Interests

Participating in online competitions related to (AWS, Block-chain, and Machine-Learning) in the industry.

For e.g. designed an intuitive Question-Answer chat-bot using AWS Lex, AWS server-less, lambda and JAVA APIs.

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