**Abhinav Singhal**

**Senior Application Developer**

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**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**

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| --- | --- | --- | --- |
| **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.

[GITHUB](https://github.com/Abhinav92)

[LinkedIn](https://www.linkedin.com/in/abhinav-singhal-01/)