Overall Experience - **11+ Years**
Relevant Experience – **9.5+ Years**

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Avinash Kumar Sinha
Java Professional

SKILLS

Programming Languages: Java, Python
Databases: Oracle, IBM Db2, MongoDB
Tools (Software): JIRA, Ant, WinSCP, PUTTY, Gradle, Git, Docker
Frameworks: Restful Services, Spring Boot, Spring MVC, Hibernate, Junit, Mockito
UI Technologies: JavaScript, ES6, HTML, CSS, JSP, Ajax
Web/Enterprise Servers: Apache Tomcat
IDEs: Eclipse, IntelliJ
Build Tools: Maven, Jenkins
Version Control: Git, SVN
Design Patterns: Singleton, Observer, Façade, Abstract Factories, Builder
Methodologies: Agile
Project Management Tools: Splunk
Other Tools: Sonar Qube, Cloud (AWS(ECR, EKS, IAM)), JWT, Oauth2
Operating Systems: Windows

DOMAINS

Banking | Insurance

EDUCATION

Bachelor of Engineering (Computer Science), RGPV University, Bhopal

SYNOPSIS

Experience working as software engineer in software design, analysis, development, testing and implementation of web using Java, J2EE and Spring frameworks.

WORK EXPERIENCE

Lead Java Developer | Synechron Technologies Private Limited
till 12-JAN-2024

Project: Funds Transfer Pricing | Team Size: 10
Client: Morgan Stanley
Role: Senior java developer
Duration: Oct'21 to Jan-2024
Description: Funds transfer pricing (FTP) is a system used to calculate how individual assets liabilities contribute to a bank's overall profitability. Financial institutions use FTP to analyze the revenues and costs of their products, business lines and departments.
Responsibilities:
- Involved in designing Microservice Architecture for existing Monolithic project
- Involved in analysis and data attributes for Micro services Architecture
- Involved in Micro service development
- Involved in writing Kafka and producer logic using Spring Boot
- Involved in writing configured server logs in Splunk
- Analyzed the logs in Splunk to debug production issues
- Responsible for interacting with team in story grooming, and reviewing story/ acceptance criteria
- Developed story/ task by TDD programming concepts for new program launch in project
- Wrote SQL script and stored procedure
- Wrote test cases through Junit and Mockito frameworks
- Involved in Code review
- Improved code quality using sonar tool
- Wrote test cases through Junit and Mockito frameworks
- Supported in production release
- Fixed Production Bugs
- Involved in continuous release using Jenkins
- Responsible for requirements analysis, technical design, implementation, testing and documentation
- Worked on Code Hygiene item
- Handled End to end testing for new programs launch in project
- Provided daily status in scrum meetings Environment: Core Java 1.8, IBM DB2, Spring Boot, Spring core, Spring JDBC, Spring batch, Kafka , Hibernate, JUnit Gradle, Bitbucket, Git, IntelliJ, Visual Studio Code, Jenkins, Eclipse, Putty, Rapid SQL, Batchmon, Splunk

Senior Software Engineer | Cognizant Technologies Pvt. Ltd.
May'17 to Aug'21

Project: Vehicle Protection Center | Team Size: 6
Client: Ally Financial Inc., USA
Role: Senior Developer
Duration: Dec'17 to Aug'21
Description: VPC enables to customer interacts with dealer agent over the web. Dealer agent will provide the insurance to the customer based on the customer vehicle information and the availability of the product variant and the promotion code for the specified period. Customer can claim through dealer portal anytime for their vehicle parts and also make payment through billing module for their damaged vehicle parts.

Responsibilities:

- Worked in agile framework as an individual contributor
- Responsible for interacting with business team in story grooming, and reviewing story/ acceptance criteria
- Converted a monolithic app to micro services architecture using Spring Boot using 12-factor app methodology
- Implemented REST Micro services using Spring Boot
- Wrote functional, class, and High order component through ReactJS
- Wrote Action and Reducer in ReactJS through Redux
- Implemented Hystrix a Latency and Fault Tolerance logic
- Developed story/ task by following TDD programming concepts
- Provided daily status in scrum meetings with the client
- Mentored new team members on business functionalities and technical issues
- Worked on the security layer of the applications through JWT
- Involved in presentation for Sprint Demo

Environment: Microservices, Core Java 1.8, Spring Boot, ReactJS, Web Services (SOAP, REST), Spring Data JPA, Docker, Jenkins, OpenShift, Oracle, Bitbucket, Git, IntelliJ, Visual Studio Code, Tomcat, Spring MVC, Core Java 1.6, JSP, HTML, JavaScript, Hibernate, SVN, Jenkins, Maven, Eclipse, PuTTY, Oracle, WebLogic Server, LDAP Server, AWS(ECR, EKS)

Senior Developer| Cognizant Technologies Pvt. Ltd.
May'17 to Aug'21

Project: ICCard Application | Team Size: 10
Client: Wells Fargo (USA)
Role: Senior Developer
Duration: Dec'17 to Aug'21
Description: ICCard involves the online application of credit card. User can login with different roles such as Card Holder role, Approver Role, and Administrator to perform corresponding actions.
Responsibilities:

- Implemented spring controllers
- Implemented JSPs with spring tags and JSTL
- Involved in the unit testing phase
- Fixed defects

Environment: Spring MVC, Core Java 1.6, JSP, HTML, JavaScript, Web Services (SOAP, REST), Hibernate, SVN, Jenkins, Maven, Eclipse, PuTTY, Oracle, WebLogic Server

Senior Developer| Mindtree Ltd.
June'15 to May'17

Project: SITA DCS (Product Development) | Team Size: 10
Client: SITA Inc., UK
Role: Senior Developer
Duration: June'15 to May'17
Description: This is a software application which focuses on Departure and control system of airlines service. Software is capable of automated passenger check-in, boarding control and weight/ balance system.
Responsibilities:

- Coordinated with team members to understand the requirements and functionality
- Engaged in coding and development of functionality
- Developed service for application
- Developed User interface for application using Swing xml
- Performed and implemented Unit test of function
- Engaged in bug fixing, code quality and error correction

Environment: Core Java, J2EE, Spring, OSB WebLogic Server, Maven, Eclipse, Sonar, SoapUI

Senior Developer| Ideal Invent Technologies Pvt. Ltd.
Nov'12 to May'15

Project: Connect Core (Core Banking) | Team Size: 20
Client: Aktia Bank, Finland
Role: Developer
Duration: Nov'12 to May'15
Description: Connect Core is the New Generation Banking Solution that helps you proactively manage your end-to-end banking processes, adapt to dynamic market demands and scale up to your growing operational needs. Covering the entire banking spectrum, Connect Core offers solutions for core banking, branch operations and customer services. It is built on the easy and flexible Service Oriented Architecture (SOA). It is supported by the superior Wicket Apache framework and integrates with other systems via Web Services. It also supports multi-country, multi-currency and multi-lingual banking operations.
Responsibilities:
- Coordinated with team members to understand the requirements and functionality
- Engaged in coding and development of functionality
- Developed service for application
- Developed User interface for application using Swing xml
- Performed and implemented Unit test of function
- Engaged in bug fixing, code quality and error correction

Environment**:** Core Java, J2EE, Spring, OSB WebLogic Server, Maven, Eclipse, Sonar, SoapUI

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