

# Abhishek Singh

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## PROFESSIONAL SUMMARY

Experienced Software Engineer with over 8 years of experience in development, testing, documentation, and production support for NTier J2EE architecture. Proficient in Java/J2EE, Hibernate, Spring Boot, RESTful APIs, Angular, DevOps, and cloud technologies like AWS and Azure. Expertise in all phases of the Software Development Life Cycle (SDLC) with a focus on Agile methodology.

## CERTIFICATIONS

<b>Microsoft Certified: Azure Administrator Associate (AZ-104)</b>   Microsoft	September 2022
<b>Microsoft Certified: Azure Fundamentals (Exam AZ-900)</b>   Microsoft	August 2021
<b>Oracle Certified Professional, Java SE 6 Programmer</b>   Oracle	November 2016

## TECHNICAL SKILLS

**Languages :** Java 8, SQL (Oracle, MS-SQL), No-SQL (Mongo DB), Angular, TypeScript,Fhir,HLS7, HTML, XML, JSON, CSS  
**Frameworks :**Spring Cloud, **Spring Boot, Spring MVC Framework, Rest API ,Microservices,AOP** , Struts, jQuery,Bootstrap,  
**DevOps and API Tools :** Jboss, Glassfish, **Git, SonarQube, Jira, Azure DevOps** , TFS, Jenkins, Swagger, Postman  
**Others :** Agile (Scrum/Kanban), **SOLID, Design Patterns, Debugging, Root Cause Analysis** ,Eclipse,VSCode,Bit Bucket,Confluence

## EXPERIENCE

<b>Software Engineer</b>   Greenway Health	October 2021 – Present
<ul style="list-style-type: none"><li>- Developed backend applications with Java 8/11, Spring Boot, and J2EE, implementing REST APIs for CRUD operations and using Hibernate ORM for data transactions with caching.</li><li>- Designed business components with Core Java and wrote complex SQL queries for Oracle databases.</li><li>- Developed responsive web applications using Angular 12, resulting in a 20% increase in user engagement; implemented modular and reusable components, following best practices for component-based architecture.</li><li>- Designed and implemented applications with FHIR (Fast Healthcare Interoperability Resources) and HL7 (Health Level Seven) standards, ensuring secure and compliant data exchange. Developed and integrated RESTful APIs for interoperability with electronic health records, contributing to improved healthcare data management and interoperability across systems.</li><li>- Integrated RESTful APIs with frontend applications for efficient data retrieval and synchronization; utilized NgRx for state management, significantly improving application performance and maintainability.</li><li>- Implemented Spring Security features for authentication, authorization, and access control, integrating OAuth2 and JWT token-based authorization for microservices. Collaborated with security teams, working with LDAP, PKI infrastructure, and cryptography to ensure secure application operations.</li><li>- Implemented optimized MongoDB database structures, including efficient indexing and schema design, to support high-performance applications.</li><li>- I conducted comprehensive unit testing and integration testing for web applications using JUnit and Log4J, ensuring high-quality code and robust software solutions. I created detailed test cases to validate functionalities and maintain a high level of application stability throughout the development process.</li><li>- Managed CI/CD pipelines using Jenkins, integrating SonarQube for code quality checks and seamless deployment.</li><li>- Deployed Java applications to production in Azure cloud environments, supporting production activities and collaborating with DevOps teams to improve deployment speed.</li><li>- I adhered to Agile methodology by participating in daily scrum meetings and utilizing JIRA for managing user stories and bug tracking. This approach enabled effective collaboration with cross-functional teams and ensured a smooth and transparent development workflow.</li></ul>	
<b>Software Engineer</b>   CGI	Feb 2016 – October 2021
<ul style="list-style-type: none"><li>- Developed the presentation layer using Java Server Pages (JSP), HTML, and JavaScript. Implemented dynamic features using Ajax for improved user experience.</li><li>- Developed a front-end controller with Servlet to manage requests, and created service delegates to encapsulate business logic, following best practices.</li><li>- Utilized DAO (Data Access Object) patterns to efficiently access databases. Implemented database operations and wrote functional testing of various test case scenarios using JUnit for unit testing.</li><li>- Participating in client calls and involved in the requirement gathering from the clients.</li><li>- Code fixing and maintenance of the application.</li><li>- Creating CI/CD pipeline code for automation of deployment and testing.</li><li>- Deployed Java applications to production environments in the Azure cloud, collaborating with DevOps teams to accelerate deployment and supporting production activities.</li></ul>	

- Followed the Agile method by going to daily scrum meetings and using JIRA to keep track of user stories and bugs. This method made it easy for cross-functional teams to work together and maintained a clear and efficient development process.

**Software Engineer** | *Collabera*

*February 2015 – March 2016*

- Involved in the software development life cycle including Planning, Analysis, Design, and Testing
- Coding and implementing the benefit areas and pricing modules for this application.
- Participated in various meetings and discussed Enhancement and Project Change Requests.
- Writing JUnits for functional testing of various test case scenarios.
- Requirement to feature a translation expert with documentation activities.

## EDUCATION

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University of North Bengal  
University of Burdwan

**Master of Computer Application** |  
**Bachelor of Computer Application** |

2013  
2010