**BIRUK TESFAYE**

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**Contact:** **(816) 912-3565**

**Summary:**

* Over 7 years of programming experience including design, development, implementation and maintenance of Java/J2EE/Web based applications.
* Excellent project life cycle experience (SDLC) in all aspects of requirements specifications, design, code, test, deploy, maintaining and implemented projects in Waterfall and Agile/Scrum methodologies.
* Experience in using Core Java concepts like Multi-Threading, Collection, Interfaces, Synchronization, OOPs concepts and Exception Handling.
* Extensive experience in Internet, client/server technologies using Java, J2EE, JSP, Servlets, JDBC, Spring, Hibernate, Web Services, SOAP, EJB, JMS, XML, HTML, CSS, JavaScript, AJAX and Shell Scripting.
* Proficient in MVC architecture using Spring framework / JSP-Servlet and J2EE Design Patterns.
* Experience in hibernate O/R mapping tool.
* Integrated the application with Spring-MVC using Spring Boot, Spring Dependency Injection (DI), and Spring Annotations.
* Knowledge of application development for Cloud platforms using technologies like Java/J2EE, Spring Boot, Spring Cloud, Microservices. Experience in Microservices and Spring Boot application development.
* Experience with versioning tools like Git, Clear case, Subversion and CVS.
* Experience in database connectivity (JDBC) for databases like Oracle, MS SQL Server.
* Driven by new challenges and adept at adapting to any cultural and business environments.
* Experience in deployment and troubleshooting various application servers like JBoss, Apache Tomcat, IBM WebSphere and Oracle WebLogic.
* Good experience with Source code management collaboration tools GIT, SVN, Github, Bitbucket, Gitlab, AWS-Code commit.
* Expertise in developing, documenting, and executing test cases manually as well as generating automated scripts using Selenium.
* Expertise in using issue tracking tools such as JIRA and Rally.
* Strong analytical and dynamic trouble shooting skills coupled with excellent communication skills and able to work individually and as a team.
* Have the motivation to take independent responsibility as well as ability to contribute and be a productive team member.

**Technical Skills:**

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| **Languages:** | C++, Java, SQL/PLSQL. |
| **Java Technologies:** | J2EE, JSP, Servlets, JDBC, JMS, JNDI, Web Services (SOAP/REST). |
| **Frameworks:** | Spring, MVC, Spring Boot, Hibernate, Angular JS. |
| **XML Technologies:** | XML, XSL, XSLT, DTD, XML Schema, SAX, DOM. |
| **Web Technologies:** | JSP, JSTL, JavaScript, Bootstrap, jQuery, HTML/HTML5, CSS/CSS3, JSON, AJAX. |
| **Databases:** | MS SQL Server, DB2, Oracle, Mongo DB. |
| **Design & Modeling:** | UML, Design Patterns, Microsoft Visio, Rational Rose. |
| **Methodologies:** | SDLC, OOAD, Agile. |
| **Web/App. Server:** | Apache Tomcat, JBoss, Web Logic, WebSphere. |
| **IDEs:** | RAD, Net Beans, Eclipse. |
| **Operating Systems:** | Windows, Unix, Linux. |
| **Version Control:** | CVS, SVN, GIT, Clear Case. |
| **Other Tools:** | ANT, Maven, JUnit, Log4J, Jenkins. |

**Professional Experience:**

**Client: Genomic Health – Kansas City, MO March 2017 till date**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Involved in preparing System and business Requirements and Detailed Design document for the project.
* Actively involving in Analysis, Design, Development, System Testing and User Acceptance Testing. Successfully followed agile methodology in the Scrum Cycle model.
* Implemented Design Patterns from Pure MVC Architecture to interact with backend J2EE and Web Services to pull out the data to JSF Components.
* Responsible for all client-side UI Validation and implementing Business logic based on user selection using JavaScript and Angular JS, Node JS.
* Implemented Angular components for UI services to consume rest services using Component based architecture by providing Angular 2.0.
* Worked on Development and debugging the servlets and EJB with WebSphere Application server.
* Worked on development of a web application using front end MVC framework using Angular 2, Node JS, HTML5, CSS3, JavaScript and AJAX.
* Implemented Swagger Configuration in Java Spring boot for auto generating swagger json files for REST API calls.
* Developed the automated unit test cases for the Microservices using Junit, Mockito, and Sonar and deployed them in the Jenkins pipeline.
* Implemented the Responsive User interface screen using HTML5, CSS3 and Bootstrap.
* Designed and developed the End Points (Controllers), Business Layer, DAO Layer using Hibernate/JDBC template, using Spring IOC (Dependency Injection).
* Worked on AWS cloud watch for monitoring the application infrastructure and used AWS email services for notifying.
* Followed SOA Design and Architecture to Develop REST Web Service, generated and consume the services.
* Developed API for using AWS Lambda to manage the servers and run the code in the MongoDB.
* Developed Micro Service to provide RESTful API utilizing Spring Boot with Spring MVC.
* Developed Hibernate mapping files using different mapping strategies such as table per class hierarchy.
* Involved in developing stored procedures and Triggers on Oracle 10g.
* Used Maven as repository to cache the information.

**Environment:** Java/J2EE, Agile/ Scrum, Spring, JSF, AJAX, Angular JS, HTML, CSS, JavaScript, Node JS, Hibernate, JDBC, Micro Services, RESTful API, Spring MVC, Spring Boot, AWS, Mongo DB, SQL, Oracle, Log 4j, Junit, Maven, Windows.

**Client: Consolidated Communications, Mankato, MN July 2015 to February 2017**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Interacted with Business users during requirements gathering and designed the system using UML (Class Diagrams and Sequential Diagrams) with OOD features.
* Involved in writing Spring Configuration XML file that contains declarations and another dependent object declaration.
* Developed user interface using Bootstrap UI, Angular JS, and JavaScript to simplify the complexities of the application.
* Used Angular JS to implement rich functionality in various pages: form validation, CRUD, grid, search, sort and pagination.
* Developed various web pages and components using React JS by implementing Redux components and libraries and predefined components from NPM (Node Package Manager).
* Inserted Dependency Injection between components using Spring (IOC) concept.
* Developed various Java beans for performance of business processes and effectively involved in Impact analysis.
* Developed server side application to interact with database using Spring Boot and Hibernate.
* Experience in creating JavaScript for using DML operation with MongoDB.
* Responsible for Setting up Web Services project using WSDL in SOAPUI and provided setup help to other team members.
* Extensively worked on SOA and web services to get the data and configured JMS queues on server.
* Integrated Hibernate ORM with Spring-Hibernate framework to facilitate DML and DQL queries and represent object-database mapping.
* Developed application service components and configured beans using Spring IOC, creation of Hibernate mapping files and generation of database schema.
* Created tables, triggers, stored procedures, SQL queries, joins and views for multiple databases, Oracle 10g.
* Involved in JUnit Testing of various modules by generating the Test Cases.
* Developed ANT Profiles for the build process and deployed in the server.
* Implemented Log 4j for Logging Errors, debugging and tracking using loggers.
* Used GitHub for version control.

**Environment:** Agile, Java/J2EE, Spring, Hibernate, XML, WSDL, REST, SOAP, SOAP UI, HTML, JavaScript, CSS, Angular JS, Bootstrap UI, SQL, PL/SQL, Junit, ANT, Log 4j, GitHub, JMS, Servlets, Eclipse, Windows.

**Client: Amex, Atlanta, GA November 2013 to June 2015  
Role: Java/J2EE developer**

**Responsibilities:**

* Interacted with Business users during requirements gathering and designed the system using UML (Class Diagrams and Sequential Diagrams) with OOD features.
* Implemented User Interface in Model-View-Controller Architecture, which accomplishes a tight and neat co-ordination of Spring MVC, JSP, and Servlet.
* Developed the User Interface validation framework using AJAX and Java Script.
* Used AngularJS services, controllers and directives for front end UI, AngularJS MVC for cross-browser functionality and used Firebug for Firefox, Inspector tools for Chrome, IE developer toolbar for IE.
* Implemented Dependency Injection (IOC) feature of Struts framework to inject dependency into objects and AOP is used for Logging.
* Developed Server-side components with coordination of Hibernate and Spring using web established frame work designed under the guidelines of Business Delegate, session facade, Service locator.
* Developed and utilized J2EE Services and JMS components for messaging communication in Web Logic Application Server for Credit Inquiries.
* Developed Web service modules based on SOA architecture to consume services.
* Developed services that are reusable and interoperable, based on Basic profile, SOAP, JAX-RPC Web services using AXIS.
* Wrote complex SQL Queries, Stored Procedures, Triggers, Views, Cursors, Joins, Constraints, DDL, DML and User Defined Functions to implement the business logic.
* Used JBoss and Tomcat servers to run and debug the application in local.
* Created build files using Maven.

**Environment:** JDK, CSS, AJAX, Spring, JPA, XML, XML Schemas, XSLT, SOAP-UI, WSDL, JMS, Tomcat, JUnit, Maven, Log4j, Web Services(JAX-WS), JAXB, Web Logic Application Server, GIT, IBM RAD, MS SQL.

**Client: Hanger, Austin, TX April 2012 to October 2013**

**Role: Java Developer**

**Responsibilities:**

* Involved in requirements gathering and analysis from the existing system. Captured requirements using Use Cases and Sequence Diagrams.
* Designed web portals using HTML and used Java script, AJAX.
* Used Spring IOC for dependency injection and Spring AOP for cross cutting concerns like logging, security, transaction management.
* Integrated Spring JDBC for the persistence layer.
* Developed DAO Classes and written SQL for accessing Data from the database.
* Used XML for the data exchange and developed Web Services.
* Deployment of the application into JBOSS Application Server.
* Implemented Ant and Maven build tools to build jar and war files and deployed war files to target servers.
* Implemented test cases with JUnit.
* Used RAD for developing and debugging the application.
* Utilized Rational Clear Case as a version control system and for code management
* Coordinated with the QA team and participated in testing.
* Involved in Bug Fixing of the application.

**Environment:** J2EE, JBuilder, Oracle, HTML, DHTML, XSL, XSLT, Servlets, JavaScript, AJAX, JBOSS, RAD, JUnit, log4J, ClearCase.

**Client: First Citizens Bank – Raleigh, NC January 2011 to April 2012**

**Role: Jr. Java Developer**

**Responsibilities:**

* Developed Front End pages of the application using HTML, CSS, jQuery, and JavaScript.
* Designed and developed the original prototype for a highly-complex, interactive, graphical, web user-interface using standards-compliant JavaScript.
* Implemented JavaScript and jQuery to develop UI components and their dynamic rendering based on the actions occurred and the corresponding stores, view components associated with them.
* Developed RESTful web services using Spring Boot to provide domain data for the application.
* Implemented SQL Database as the storage system for the Restful Web services.
* Implemented Web Services to integrate between different applications using SOAP services using JAX-WS.
* Developed Web services to SQL connection by using Hibernate ORM.
* Used Message-driven batch application using Spring Batch to handle multiple requests accessed through Message Queue services between several micro services in the application.
* Developed Authentication and Authorization to the Spring Boot web services using Spring Security.

**Environment:** Java, HTML, CSS, JavaScript, AJAX, Spring, Hibernate, REST, jQuery, Junit, SQL, Windows.

**Education:**

**High School Degree from The Holy Trinity Cathedral School, Addis Ababa, Ethiopia.**