**Kinfe Alemie**

**Professional Summary:**

With over 7 years of practical experience as a Java developer, I've honed my skills in fostering strong collaboration, teamwork, and interpersonal connections to ensure project excellence and seamless cross-functional cooperation. Specializing in Java/J2EE development, I bring expertise in application design and successful enterprise project implementations. Proficient in a range of Java-related technologies such as Spring Boot, Spring MVC, JPA/Hibernate, and REST API, I've also demonstrated proficiency in working with databases including MySQL, SQL Server, and Oracle. Additionally, I have hands-on experience in implementing Restful Web Services, encompassing functionalities like Get, Post, Put, and Delete, along with robust validation and exception handling mechanisms.

**Technical Summary:**

**Languages:** Java/J2EE, Java8/ Java11

**Web:** HTML, JavaScript, CSS, Bootstraps, Node.JS and React.JS, Angular.js & Angular 6 Web Service: REST API, JSON/XML, Camunda

**Web/App Server:** Apache Tomcat, Glassfish

**Frameworks:** Spring Boot, Spring MVC, JPA/Hibernate, Vertex, Spring Data Databases: MySQL, Oracle and MongoDB

**Design Patterns:** MVC, DAO, Façade, Factory Method, Singleton SDLC: Agile Scrum, waterfall

**IDE:** Eclipse, STS, and IntelliJ IDEA Build Tools: Maven, Gradle Testing: Junit/ Mockito

**Version Controllers:** Git/ GitHub, SVN and Jenkins Messaging service: Kafka

**Cloud Technology:** AWS, Google cloud and Azure Monitoring platform: Splunk , Dynatrace and SonarQube **Platforms:** Windows, UNIX

**Work Experience:**

**Infosys, Remote Aug 2021 – Present**

**J2EE Developer**

* I have been worked on Agile Methodology project and Scrum Methodology in software development life cycle.
* Design, Code and Implement Micro services component as per the requirement using camunda, java and spring boot.
* Planning, designing, debugging, and coding software solutions for Java application development.
* Usually we Use Java8/ Java11 features to write functional and concurrency programming.
* Design high quality workflow and decision automation platform using Camunda.
* Secure the micro service endpoints using Spring Security/JWT token-based authentication protocol
* Implement production ready feature to manage and monitor micro services using camunda, java and spring boot and Spring Boot’s Actuators.
* Writing and implementing efficient and reusable code in Java.
* Code review, code debug and troubleshoot problems with the project related software and tools.
* Utilized Git for version control and collaborated on projects via the Bitbucket source code hosting platform.
* Successfully decreased bugs by 20% through enhanced code quality.
* Collaborated effectively with the QA Team to promptly resolve pending Jira tickets.
* Developed detailed, well-structured test plans and cases.
* Conducted thorough quality assurance testing on applications, resulting in an average performance error reduction of 97%.
* Implemented service projects using Agile Methodology and actively participated in running scrum meetings.
* Conducted rigorous quality checks and identified data-related issues, such as corrupted data and incorrect data sources.
* Utilized Amazon Web Services (AWS) as our cloud hosting platform to deploy applications. Leveraged AWS services including Amazon EC2 for hosting, Amazon RDS for database management, and Amazon S3 for storing static assets.
* Ensured scalability, reliability, and security of deployed applications through AWS infrastructure.

**Environment:** J2EE, Java 8, spring boot, Maven, Spring MVC, JPA, MySQL, SQL Developer, IntelliJ, Camunda, JavaScript, CSS, HTML5, React & Angular 6 Framework, Tomcat Server, Bit bucket, Jenkins, JIRA, CI/CD, Dockers, Kafka, AWS and Azure.

**Minister of Innovation and Technology, Addis Ababa, Ethiopia Mar 2018 - Jan 2021**

**Java Developer**

* National E-service project: Have elaborated as a java developer and project coordinator in the Developing Management application for the national e-service project of Ethiopia www.eservices.gov.et.
* Worked in Agile Environment in TDD environment and SDET approach.
* Applied robust technical skills in the Software Development Life Cycle and core Java technologies to tailor applications to precise client requirements.
* Created a RESTful API to enable communication with a visual application developed using HTML, CSS, JavaScript, and Thymeleaf templating engine.
* Managed CRUD operations and employed MySQL for efficient data persistence. Integrated real-time data from the Zillow API to offer current insights on agents' reviews and listings.
* Developed a CRM system enabling agents to personalize profiles.
* Implemented site security using Auth0 for advanced authentication and authorization. Demonstrated proficiency in crafting custom exception classes to manage specific scenarios, enhancing code robustness.
* Understood business domain problems and suggested technology solutions.
* Performing requirements gathering, providing support, and analysing trading data.
* Worked with client project managers to design and develop a new business domain.
* Design coded and tested key modules of the project using java OOPs concepts.
* Implemented REST Micro-services using spring boot.
* Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
* Involved in each design, analysis to build and deployment of national e-services with Jenkins for CI/CD and created Docker images.
* Designed and created test cases and mockups for creation of new modules.
* Integrated with Git/GitHub to improve the code version quality, decrease major & minor fixes.

**Environment:** J2EE, Java 8, spring boot, Maven, Spring MVC, JPA, MySQL, SQL Developer, IntelliJ, Eclipse IDE, JavaScript, CSS, HTML5, React & Angular 6 Framework, Tomcat Server, Bit bucket, Jenkins, JIRA, CI/CD, Dockers, Kafka, AWS, Google cloud and Azure

**Sungkyunkwan University (SKKU), Seoul, South Korea Aug 2016 – Feb 2018**

**Research and Development Study**

* Study, research, design, develop, test and manage Java-based applications and software. With most large organizations using HYPERLINK "https://www.simplilearn.com/best-java-programs- article "Java HYPERLINK "https://www.simplilearn.com/best-java-programs-article" to implement software systems and backend services
* Created Angular service and integration with Restful APIs. Used Angular Http Client to send GET/POST request to fetch data from server.
* Deployed the applications on different open-source Web Application Server.
* Utilized React to develop front-end functionalities and researched the command that React provided.
* Used SPRING framework to support Hibernate tool and Struts.
* Extensively involved in upgrading the existing system from react.

**Environment:** Java, J2EE, JSP 2.0, Oracle 12c, DHTML XML, DOM, SAX, (Application Developer), Python, UNIX, IBM Web Sphere Application Server 5.1, spring boot, spring JPA /Hibernate 2.0, NodeJS, React, Angular 6, spring, LOG4J, CVS, RAD 7.5, RAD 9.0

**Minister of Communication and information Technology, Addis Ababa, Ethiopia Oct 2014 - Jul 2016**

**Java Developer /IT expert**

* I have been worked in the national data centre as it expert and java developer for different projects. Since we Have elaborated as a java developer and project coordinator in the Developing applications for the government as a national project of Ethiopia government.
* We Worked as a team in Agile Environment in TDD environment and SDET approach.
* Understood business problems and suggested technology solutions.
* Performing requirements gathering, providing support, and analysing trading data.
* Breakdown reusable application code into distinct parts with Spring AOP.
* Worked with all stakeholder project managers to design new business process
* Design coded and tested key modules of the project using java OOPs concepts.
* Involved in Code Coverage testing for testing the performance of the application.
* Improve the code quality using Software Engineering Principals
* Coordinate with the QA team to finalize the test case for relevant endpoints and the UI components.

**Education:**

* Master of global e-government and e-policy, Sungkyunkwan University, Seoul, South Korea **2018**
* Bachelor of Science in Computer Science Addis Ababa University, Ethiopia **2011**