

# TEKETSEL BEYENE

Washington DC 20011 • 641-233-9167

[teketselbeyene@gmail.com](mailto:teketselbeyene@gmail.com) • <https://www.linkedin.com/in/teketselbeyene/>

## JAVA DEVELOPER

Experienced Java Developer with a proven track record of delivering robust software solutions and spearheading successful data pipeline migrations to the AWS Cloud. Equipped with extensive expertise in Java, Spring Boot, Microservices, REST API, and J2EE, complemented by adeptness in frontend development using React, JavaScript, HTML, and CSS. An Agile practitioner who excels in collaborative environments, driving efficiency and innovation through agile methodologies.

---

Software Development Life Cycle • AWS Cloud • Full Stack Java Development • Microservices • Testing

**Languages:** Java/J2EE, Python, C++

**Web:** CSS/CSS3, HTML/HTML5, PHP, JavaScript, JSP, JSF, EJB, JUnit, jQuery, Bootstrap, Node

**Web Services:** SOAP, REST APIs, JSON, XML

**Web/App Servers:** Apache/Tomcat, JBoss, Oracle WebLogic

**Frameworks:** Spring (MVC, Spring Boot, Spring Batch, Security, Data, AOP, Dependency Injection, Spring Cloud, Spring Core, Spring ORM,), Hibernate, Angular.js, Express, Node.js, React, LOG4J/ SLF4J

**Databases:** MySQL, Oracle, MongoDB, Dynamo DB, Cassandra, DB2, PostgreSQL, NoSQL

**Design Patterns:** MVC, Singleton, Prototype, Observer, Session, Session Factory, Repository

**SDLC:** Agile/ Scrum, V-Shape Model, RAD, Waterfall, TDD

**Tools:** Eclipse, NetBeans, IntelliJ Idea, Visual Studio Code, Drools Apache Tomcat, Maven, Junit, Mockito, Postman, Azure, Mockito Apache Kafka, Apache Spark, Jenkins, RabbitMQ, ActiveMQ, StarUML, Docker, Kubernetes, CI/CD, Git, Github, Gradle, DevOps, Jakarta Persistence.

**Platforms:** Windows, LINUX

**Big Data:** Python

---

## PROFESSIONAL EXPERIENCE

### SHARONAT INTERNATIONAL, Prague, Czech Republic • 2021-2022

#### Software Engineer (Full Stack Java Developer & Tester)

- Developed a comprehensive event management system as part of a collaborative team effort, utilizing various technologies across the entire SDLC.
- Proficiently utilized Java, Spring Boot, JavaScript, React, and PostgreSQL to architect efficient and maintainable code, implementing both front-end and back-end functionalities.
- Successfully integrated third-party APIs and services into Java web applications, expanding functionality and delivering comprehensive solutions.
- Applied expertise in tools like Junit, Mockito, Git, and Maven to ensure robust testing procedures, achieving a 30% increase in testing efficiency and early identification of critical issues.
- Implemented AWS services to optimize application scalability, utilizing Amazon EC2 for hosting and Amazon RDS for database management.
- Successfully implemented cutting-edge CI/CD pipelines, harnessing the power of Jenkins to automate the swift deployment of resources across Dev, QA, and Prod environments.
- Proficient with messaging frameworks (MQ and Kafka) enhancing real-time communication capabilities.
- I streamlined processes, reducing testing time by 20% through TDD and continuous integration, enhancing user satisfaction

**Technologies Used:** Junit, Jira, Java, Spring Boot, JavaScript, PostgreSQL, Test Driven Development (TDD), Mockito, Git, Jenkins, Maven, Jenkins, Eclipse/IntelliJ IDEA, RESTful APIs, Agile methodologies.

**INFORMATION NETWORK SECURITY AGENCY, Addis Ababa, Ethiopia • 2017-2021**

**Software Developer**

Government agency overseeing Ethiopia's ICT infrastructure.

- Created an enterprise-level billing system utilizing Spring Boot and React, resulting in a 30% decrease in billing errors and a 25% increase in overall billing accuracy. Successfully deployed the application on AWS cloud services.
- Implemented a resilient microservices architecture with 50+ services, enhancing scalability and adaptability for the billing system
- Implemented RESTful services to provide robust and scalable APIs, resulting in a significant improvement in API response times, contributing to a better user experience for our clients.
- Leveraged Java-based technologies such as Hibernate, JPA, Servlets, JDBC, and Apache Kafka for data management and integration, achieving a notable increase in data processing efficiency and a significant reduction in data integration issues.
- Proficiently employed CI/CD tools such as GitLab, Maven, Jenkins ensuring a smooth and efficient development and deployment pipeline.
- Used Core Java, JEE, Spring Boot, Spring MVC, and Spring Security to deliver reliable and robust solutions.

**Technologies Used:** Java, J2EE, Spring MVC, HTML, CSS, JavaScript, React, Spring Framework, RESTful, SQL, MongoDB, Eclipse, IntelliJ IDEA, Maven, Git, VSCode, Jira, Windows, Linux, Test Driven Development (TDD), Microservices, AWS, Spring Security, Hibernate ORM, Spring Data JPA, Agile development methodologies, Data Structures.

**ACADEMIC PROJECTS**

*Maharishi International University, Fairfield, Iowa (2023)*

**Property Management System:** Developed comprehensive web application using React for front-end and Java Spring for back end.

- **Technologies Used:** React, Java, Spring Boot, Spring Data JPA, Spring Security, PostgreSQL, JSON Web Tokens (JWT), Redux, Bootstrap, Mockito, Git, Docker

**Online Retail System:** Developed robust web application using Spring Boot, following microservices architecture.

- **Technologies Used:** Spring Boot, Microservices Architecture, Spring MVC, Spring Data JPA, PostgreSQL, Spring Security, Kafka, Docker, Kubernetes, DevOps, Jenkins, ELK, Prometheus, Git

**EDUCATION**

**Master of Science in Computer Science.**

Maharishi International University, Fairfield, Iowa

**Key Courses:** Modern Programming Practices, Fundamental Programming Practices, Web Application Programming, Web Application Architecture, Enterprise Architecture, Software Architecture

**Bachelor of Science in Computer Science. (2012-2016)**

Arba Minch University, Arba Minch, Ethiopia

**Key Courses:** Software Engineering, C++, C, Java, Operating Systems, Computer Networks, Advanced Databases (SQL), Artificial Intelligence, Data Structures and Algorithms, Web Design (PHP, XML)