

Wengelawi Negewo

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SOFTWARE ENGINEER

Experienced Software Engineer with over 5 years of expertise in Java, Spring, Javascript, Node, AWS, and React. Proficient in event-driven, service-oriented (SOA), and microservices architecture, with a strong track record of delivering highly scalable and robust end-to-end solutions. Skilled in system design and analysis of applications, web service architectures, and Restful APIs. Applying for a Software Engineer role to provide innovative solutions and support for digital products.

TECHNICAL SKILLS

Languages: Java, JavaScript

Web: HTML5, CSS3, Bootstrap, React, Bootstrap, Tailwind, Material UI

Web Services: REST, GraphQL, JSON, SOAP, XML

Web/App Servers: Apache Tomcat, Nginx, Netty

Frameworks: Spring (MVC, Boot, Security, Data, AOP, Cloud), Kafka, Hibernate, JUnit, Mockito, Selenium, Jest

Databases: PostgreSQL, MongoDB, AWS RDS, DynamoDB, MySQL

SDLC: Agile/Scrum, Waterfall

Tools and Platforms: Git, GitHub, Jenkins, JIRA, Docker, Kubernetes, IntelliJ, JWT, Prometheus, Grafana, Maven, Postman, Apache Kafka, Apache Zookeeper, Elasticsearch, Kibana, Logstash, Splunk, AWS (Amazon Web Services)

OS Platforms: Windows, Linux

Soft Skills: Collaboration, Problem-Solving, Communication, Time Management, Adaptability, Critical Thinking

PROFESSIONAL EXPERIENCE

Full Stack Developer

November, 2020 – December, 2022

Commercial Bank of Ethiopia, Addis Ababa, Ethiopia

- Engineered feature-rich Internal Staff Loan Management System web application using Java and Spring Boot for the backend and React for frontend, leveraging AWS Elastic Beanstalk to deliver resilient backend functionality
- Used Spring Boot, Node, React, PostgreSQL, and MongoDB, following the RESTful web services and microservice architecture to build the Internal Staff Loan Management System.
- Implemented responsive front-end interfaces using HTML, JS, CSS, and React, ensuring an optimal user experience.
- Worked on React Components, using Forms, Events, Keys, Router, Redux, and Flux.
- Effectively managing component state and handling lifecycle events in React, seamlessly integrated React with a microservices architecture. This involved close collaboration with backend services developed using Spring Boot, Node, and Express.
- Implemented microservices architecture of multiple services using different programming languages for our event-driven management system using SpringBoot, Node, Express, Spring Cloud, and Apache Kafka, which ensured scalability, and enabled seamless communication between the different services.
- Developed and maintained unit test suite using JUnit to ensure code quality with high coverage.
- Collaborated with cross-functional teams including DevOps and Network Engineers, to automate CI/CD workflow and optimize application performance and scalability

Technologies Used: Java, SpringBoot, JavaScript, React, Tailwind, AWS Elastic BeanStalk, Node, AWS RDS, AWS DynamoDB, PostgreSQL, Mongo, Git, GitHub, Hibernate, Docker, Kubernetes, Kafka, Zookeeper, Junit, Jira, Trello

Software Engineer

August, 2017 – October, 2020

Mn Ale Addis, Addis Ababa, Ethiopia

- Developed a comprehensive event ticketing web application using Spring Boot and React.JS, seamlessly integrating front-end, and back-end services with our relational database MySQL.
- Proficiently managed state in React applications, utilizing both local component state and external state management library Redux when handling complex state logic.
- Ensured the reliability of our ticketing platform through thorough unit testing, creating comprehensive test cases, test scenarios, and detailed test logs by using Mockito, Selenium, and JUnit, leading to a 30% decrease in post-release defects.
- Conducted routine performance tuning, optimization, and code reviews, resulting in a 40% reduction in application response times
- Participated actively in Agile development methodologies, contributing to Scrum Board meetings, and generating insightful reports on development processes
- Conducted comprehensive software testing using JUnit and Mockito, ensuring bug-free software and faster performance.
- Designed and developed a user-friendly, data-driven ticketing system that led to an impressive 75% improvement in customer retention.

Technologies Used: Java, Spring Boot, JavaScript, React, Bootstrap, Material UI, Redux, Node, MySQL, Git, GitHub, Hibernate, Junit, Jest, Selenium, Mockito, JWT

EDUCATION

Master of Science in Computer Science

Maharishi International University, Fairfield, Iowa

Bachelors in Information Technology

Addis Ababa Institute of Technology, Addis Ababa, Ethiopia
