

BEREKET BERHE

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FULL STACK JAVA DEVELOPER

Experienced Full Stack Engineer proficient in Agile methodologies and Test-Driven Development (TDD) practices. Skilled in Java/Spring for backend and Angular for frontend development. Proficient in JUnit, Mockito, Jasmine, Karma, and Cypress for comprehensive testing. Actively collaborates through pair programming (XP programming) to enhance code quality. Implements robust security measures and CI/CD pipelines for seamless deployment. Monitors application performance using Azure Insights and ensures efficient version control with Git/GitLab. Committed to delivering high-quality software solutions aligned with project goals.

Languages: Java, Python, Kotlin JavaScript, TypeScript

Web: HTML, CSS, JavaScript, jQuery, Bootstrap, Typescript, Thymeleaf, Ajax

Web Services: REST, SOAP, Microservices

Web and Application Servers: Apache Tomcat

Frameworks: Spring Boot, Spring, Hibernate, Express, AngularJS, Angular, Node.js, React, JUnit, Mockito, Cypress, Docker, Jenkins, Karma, Jasmine

Databases: MySQL, MongoDB, Oracle

Design Patterns: Singleton, Façade, Factory, Prototype, Command

SDLC: Agile, Waterfall, TDD

Tools: Eclipse, IntelliJ, VS Code, NetBeans, PyCharm, Maven, Gradle, Git, Postman, Star UML, ActiveMQ

Platforms: Windows, macOS, Linux, VMware

Big Data: Kafka, Kafka streams

Cloud: AWS, Azure

PROFESSIONAL EXPERIENCE

CREOSPAN Inc (client-CVS health), Chicago, Illinois, United States • Jan 2022 – Present

Full Stack Engineer

Backend Development:

- Developed robust backend solutions using Java and the Spring framework.
- Experienced in writing unit and integration tests using JUnit and Mockito to ensure code reliability and quality.
- Utilized Flyway for seamless database migration, ensuring data integrity and version control.

Frontend Development:

- Designed and implemented interactive user interfaces using Angular.
- Implemented testing suites with Jasmine, Karma, and Cypress to ensure frontend functionality and user experience.
- Collaborated with design teams using Figma for prototyping and design collaboration, ensuring seamless integration between design and development phases.

DevOps and Tools:

- Implemented security measures using Twistlock and Checkmarx to ensure application security.
- Orchestrated CI/CD pipelines with Jenkins for continuous integration and deployment.
- Utilized SonarQube for continuous code quality inspection, ensuring adherence to best practices and standards.
- Demonstrated expertise in containerization using Docker/Podman for streamlined deployment and scaling.
- Managed version control and collaboration using Git/GitLab for efficient code management.
- Utilized Rally/Pivotal Tracker for project management and tracking of user stories and tasks.
- Leveraged Azure Application Insights for monitoring and troubleshooting applications, ensuring high availability and performance.

Technologies Used: Java, Kotlin, Oracle, Spring, Spring Boot, Angular, Cypress, Karma, Twistlock, Jenkins, Docker, Git/Gitlab, Podman, Jasmine, macOS, jQuery, Bootstrap, REST, MAMP, JUnit, Mockito, Flyway, Figma, Protractor, Azure.

MVP APPLICATION AND GAME DESIGN, Abu Dhabi, United Arab Emirates • Jan 2020 - Apr 2021

Private technology and game development company.

Web Application Developer

- Contributed to a fast-paced, team environment while designing functional web applications.
- Performed requirements analysis to streamline development processes.
- Developed TDD based enterprise-level applications using RESTful web services
- Implemented MVC architecture and used service-oriented architecture for application development
- Used AOP and IoC features of Spring framework and JPA/Hibernate for ORM
- Analyzed and optimized existing features and applications, performing coding, testing, and documentation.

Technologies Used: MySQL Workbench, Java, Spring, Spring Boot, Angular, Cypress, Karma, Jasmine, React, VS Code, macOS, jQuery, Bootstrap, REST, MAMP, JUnit, Mockito, Protractor, Jenkins, Docker.

LIYA ENTERPRISE, Asmara, Eritrea • Mar 2014 - Aug 2016

Software Development Company.

Software Developer

- Contributed to designing, analyzing, and developing several enterprise applications
- Designed and implemented end to end applications using MVC principle and RESTful web services
- Involved in designing systems and databases
- Developed user-friendly interfaces

Technologies Used: Java, JavaScript, HTML, CSS, Bootstrap, jQuery, AngularJS, Express, Nodejs, Spring, Hibernate, MongoDB, MySQL, NetBeans, Protractor, Docker

EDUCATION

Master of Science in Computer Science 2023

Maharishi International University, Fairfield, IA

Bachelor of Science in Information Technology 2020

Zayed University, Abud Dhabi, United Arab Emirates