MESFIN FELEKE

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JAVA FULL STACK DEVELOPER

Dynamic Full Stack Developer with 5 years of industry experience leading cross-functional teams and managing multiple projects. Adept at analytic problem-solving, reporting project status, and communicating findings to stakeholders. Proficient in Java, Tomcat, Spring, Hibernate, JSF, Eclipse, and MySQL. Successfully implemented various academic projects utilizing modern Java technologies, frameworks, and design patterns.

Languages: Java
Web: HTML5, CSS3, JavaScript, Servlets, JSP, Bootstrap, Thymeleaf
Web and Application Servers: Apache Tomcat, Glassfish
Web Services: RESTful
Frameworks: Spring, Hibernate, JPA, React, NodeJS, Express
Databases: MySQL, MongoDB, H2
Design Patterns: Singleton, Prototype, Session, Factory, Proxy
Platforms: Windows, Linux, AWS
Tools: Eclipse, IntelliJ IDEA, STS, Docker, Git, Maven, postman
SDLC: Agile, Scrum, Waterfall, TDD, RUP

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus and online studies for a master's degree in Computer Science (unable to provide official transcript due to ongoing loan payment).

EY, San Antonio, Texas • Jan 2021 - Apr 2024
 Senior Consultant (QA Engineer)
Tasks Performed:
▪ Designed, developed, and maintained automation frameworks for business development, transformation, and risk management.
▪ Created efficient API testing automation frameworks using Java, Karate, Cucumber, and JUnit, ensuring clear test scenarios and enhanced software quality.
▪ Contributed to the design and deployment of robust automation frameworks using Java, Serenity BDD, Cucumber, TestNG, and related Java libraries, ensuring efficiency, reliability, and scalability.
▪ Ensured application reliability through maintenance and performance tests, using Jenkins, Docker, and AWS Cloud for seamless production
▪ Collaborated with cross-functional teams to migrate client data from legacy to global systems, leveraging business insights to create effective automation solutions for testing and production.
▪ Provided insights through data analytics, advised on the discovery of new technology solutions, and troubleshooted existing software tools.
Technologies Used: Java, Oracle, SQL, Junit, Serenity. Jenkins

PEPSICO, Chicago, Illinois • 02/2018-03/2019
 Trade Promotion Analyst (Java Application developer)
Tasks Performed:
• Involved in the analysis, design, development and system integration and testing phases (SDLC).
• Involved in the development of the Backend application using Java, J2EE and Oracle.
• Involved in developing components on Reporting Dashboard with Spring MVC, Spring Framework and used Spring Security to secure the application.

• Developed Dashboards and UI pages with JSP, HTML5, CSS3, JavaScript, jQuery, and used Bootstrap to create Responsive Web pages.
• Implemented various Validation Controls for form validation and implemented custom validation controls with JavaScript.
• Managed database design, ER, and maintenance using SQL Queries and database-related features, Store, retrieve, and manipulate data for analysis of system capabilities and requirements.
• Used Junit and Cucumber framework for Unit Testing of application and used GIT for Source Control and Version Management of all codes and resources.
Technologies Used: Java, Oracle, SQL, Spring, SAP.

Northern Trust Wealth Management, Chicago, Illinois • 11/2015 – 05/2016
Process Analyst (Junior Java Developer)
Tasks Performed:
• Project - Asset & Pricing – Supporting master data management for market data processing across the entire organization.
• participated in the complete application development lifecycle from concept to implementation following the 12 factor cloud principles and code for mission critical financial systems.
• Developed web pages using JSP, HTML and JSTL.
• Involved in development, maintenance, implementation and support of the System.
• Developed and modified database objects as per the requirements.
• Involved in Unit integration, bug fixing, acceptance testing with test cases, code reviews.
• Developed test cases for Unit testing using JUnit and performed integration and system testing.
Technologies Used: Java, MySQL, SQL.

ACADEMIC PROJECTS

Online Checkout Library, MIU (2019): Created scalable online library system for book check in / check out, catalog browsing, book orders, and online check out with persistent cart. Implemented web services to retrieve data from MySQL database. Technologies Used: MySQL, JavaFX, MVC Patterns.

Online Food Delivery, MIU (2020): Developed food ordering system enabling customer login, catalog browsing, order history management, coupon application, and customer log out. Generated data from database to track orders. Technologies Used: HTML, CSS, jQuery, MVC Patterns, MySQL Database.

Online Farmers Market, MIU (2020): Developed a web application for farmers to add their products, browse orders, and contact customers when orders are ready for contactless pickup. Customers will shop for products and make orders. Technologies Used: Angular, Bootstrap, Express, NodeJS, MVC Patterns, MongoDB.

Project Management System, (2020): Created scalable and secure real time project management application, where users can enter projects and admin can manage the entire project Technologies Used: Spring Boot, AOP, Hibernate, Thymeleaf, JPA, Spring Security, AWS, REST, Docker, PostgreSQL

EDUCATION

 Master of Science in Computer Science
Maharishi International University, Fairfield, Iowa

Bachelors in computer science and Finance
Lake Forest College, Lake Forest, Illinois