

Mussie Ghebregziabher

Software Developer

Fairfield, IA - Email me on Indeed: indeed.com/r/Mussie-Ghebregziabher/041d52b23b6ea084

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Software Developer

CAREER NOTE - Asmara, ER - 2009 to 2014

Completed on-campus studies a Master's Degree in Computer Science (Available for full-time, W-2 employment, Green Card).

Housing and Commerce Bank of Eritrea, Asmara, Eritrea ● 2009-2014

Banking industry leader in Eritrea

Software Developer

Contributed to all phases of software development for several projects including software analysis, prototyping, requirements analysis, code analysis, design, coding, configuration, troubleshooting, and debugging. Utilized design patterns such as Composite, Command, Observer, Façade, Singleton, Proxy, Prototype, and Decorator. Optimized incorporation of organizational values and practices in solutions. Prepared low- and high-level object modeling for sub-projects. Created use case, sequence diagrams, collaboration diagrams, class diagrams, UI, and unit tests. Implemented Jenkins for Continuous Integration.

- Designed and implemented attractive web UI with efficient loading time and various browser support.
- Implemented business logic as well as authentication / authorization with Spring Security.
- Performed unit tests with JUnit in test driven development environment.
- Technologies used include: Java / J2EE, Eclipse, Hibernate, Spring, AJAX, Tomcat, SQL Server, Agile, JUnit, Jenkins.

Projects:

- Custom Framework Development: Played key role to design framework to support bank operations for financial credit unions and currency conversion divisions. Performed analysis on common features and integrated into reusable code to serve as basic framework. Customized framework with customers' required functionality to complete application. Technologies used include: Java, Command, Observable, Template, Singleton and Factory Patterns, javaFX GUI.

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Housing and Commerce Bank of Eritrea

Projects):

- Online Banking: Developed interactive online banking web application as part of development team to streamline internal banking functions including new account registration, withdrawals, deposits, money transfers, and other services. Worked on account registration and verification module using Spring Security and Hibernate validations to maintain authenticity of new users as well as implementing Spring Web Flow to maintain web flow. Technologies used include: HTML, XML, CSS, JavaScript, JQuery, Ajax, JSP, Spring Boot, Hibernate, MySQL.

- Employee Management Systems: Developed web application as part of team to automate time and location attendance reporting for employees. Integrated with separate subsystem that managed payrolls based on attendance of employees. Technologies used include: RESTful Web Services with Spring MVC, Hibernate, MySQL, HTML, XML, CSS, JavaScript, jQuery, AJAX, JSP.

EDUCATION

Master of Science in Computer Science

Maharishi University of Management - Fairfield, IA
June 2017

E-Business Solution / Online Shopping System

Maharishi University of Management

user-selected area by integrating data between Twitter API

Maharishi University of Management

Bachelor of Science in Mathematics and Statistics

University of Asmara - Asmara, ER

LINKS

<http://www.linkedin.com/in/mussie-kahsai>