Tsedalu Gebeyehu

librarian profiles, and library materials updates - TILAHUN TECH SOFTWARE & NETWORKING

Springfield, VA - Email me on Indeed: indeed.com/r/Tsedalu-Gebeyehu/3707070913d57f21

Authorized to work in the US for any employer

WORK EXPERIENCE

Software Developer

Armedia LLC   -   Vienna, VA - 2014 to Present

A member of Application development team in two main projects, contributing a great deal of problem solving and programing skills to the development of complex, fully-featured applications
• Enterprise case Management: played a key developer role on the development of a web based case management system. Use java based technologies to implement an automatic, collaborative and secure application. Developed Restful services for frontend support. Technologies: NetBeans, Spring, Alfresco, Activiti, Mule, Liquibase, java, JPA
• Alfresco web based customization: Participate in projects which involves a high level of customizing the alfresco content management system to the client need. Worked in both back end alfresco and UI share customization. Implement and develop a complex workflow. Technologies: NetBeans, Spring, Alfresco, Activiti workflow.
• Workflow service project: involved in a project which leverage Activiti workflow. The project involves a back-end rest services which is based on a high level of customizing and extending the different rest services available in Activiti.

Software Developer Internship

TILAHUN TECH SOFTWARE & NETWORKING - Addis Ababa, ET - 2010 to 2011

Software Development Company focused on custom software development and IT expert solutions.

EDUCATION

Master of Science in Computer Science in Software Engineering

Maharishi University of Management   -   Fairfield, IA
2014

Diploma in Computer Science in Computer Science

CPU Business & Information Technology College   -   Addis Ababa, ET
2011

Bachelor of Arts in Sociology & Social Work in Sociology & Social Work

Jimma University
2009

SKILLS

Java. (5 years), Software Development (5 years), STRUCTURED SOFTWARE (5 years), UML (5 years), user interface (5 years)

LINKS

CERTIFICATIONS/LICENSES

Alfresco Developer
December 2015

ADDITIONAL INFORMATION

TECHNICAL SKILLS

Programming Languages: Java, C++
Web: JSP, Servlets, JEE (JPA, JSF, EJB), JavaScript, HTML, Xml, CSS, PHP, Ajax JQuery, Web Servers (Tomcat and Glassfish), Spring, Hibernate
Databases: My SQL, Access, Postgresql, Oracle, h2
Design Patterns: Singleton, Iterator, Composite, Command, Observer, Façade, Proxy, Prototype, Factory, State, Strategy Abstract Factory
Tools: Microsoft Visio 2013, Violet, Star UML, MS Project, Activiti
IDE: NetBeans, Eclipse, Eclipse (Android Development Tool), Sublime, Atom
Platforms: Windows, Android, Linux
VCS: Subversion, GitHub
SDLC: Waterfall, RAD, Iterative, RUP, Agile/Scrum
Big Data: Hadoop Framework

CORE COMPETENCIES

Web Application Development • Java Programming • Web Services • User Interface Design
Business Requirements Analysis • Team Collaboration • Database Architecture Design
Server Scripting • Application Integration • Emerging Technologies • Software Development Lifecycle
Process Improvements Project Prioritization • Problem Solving • Design Methodologies
Technology Implementation • Project Management

ACADEMIC PROJECTS
• Financial Application: Designed a Java-based financial application framework as a key member of a team that applied design patterns to achieve technical goals, then used the framework to implement a credit card and bank applications. Instrumental role in designing and implementing the conceptual and application framework. Technologies: Eclipse, MS SQL, Microsoft Visio.
• Online Registration System: Used MVC architecture to modify and enhance an online student registration system. Implemented and executed the project via Java EE 6 (JPA, JSF, Prime Faces, EJB) and MS SQL Server. Built a simple interactive navigation system with descriptive fields that allow easy, accurate application completion and simplified selection from among qualified candidates. Managed all aspects of the front-end and back-end development lifecycle. Technologies: NetBeans, Star UML.
• Student Grading System: Developed a web-based student grading system as part of a team focused on building a system allowing users data access based on hierarchical roles. Developed roles for students, professors, staff, and registrars. Implemented features that minimized GPA processing time, with easy, automatic web-based GPA calculation and management - and the ability for students to view and print grades and GPAs from the web, with dynamic report generation based on user roles. Implemented the latest JEE7

technologies and project management frameworks. Used Jasper Reports for reports. Technologies: NetBeans, Microsoft Visio 2013, Jasper Reports.

• Telephone Company Database System: Designed an MS SQL Server database system to reduce manual steps required for telephone company data management, while introducing features that allow users to easily interact with different data. Programmed functions such as new customer addition, calling rate updates, new calling rate entry, call detail processing, monthly traffic summary generation, customer bill generation, service provider rate sheets, and sales representative commission calculations. Built the GUI in Java. Technologies: Eclipse, MS SQL.

• Crystal Ball: Implemented big data pairs, stripes and combination of the two algorithms to create a predictive event function to trigger certain events based on user activities.

• Android App: Designed an android app with a sorting algorithm allowing users to choose specific algorithms, feed the app a list, and return a sorted list based on button activation. The app features animations to show item sorting and movement, and a reset button allowing the user to return the list to its original unsorted state.