WEN(Vivian)MI

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EXPERIENCE

Software Engineer, Fusion Service Development Team, Oracle Corporation, HQ.   11/2016 - present
  • Part of Fusion Apps Development team involved in research, designing and developing application interfaces, database tables and business models in Fusion Application Cloud.
  • Working on latest technologies like Java, J2EE, ADF, JSF, HTML5, CSS, jQuery, REST and SOAP deployed on weblogic platform in a past faced agile development environment.
Master of Science in Information Technology (MSIT), Carnegie Mellon University, GPA of 3.77   08/2016
Bachelor of Information System in Beijing University of Posts and Telecommunications, GPA of 3.72   07/2015

SKILLS

Programming Language: Java, JavaScript, CSS, HTML, jQuery, AJAX, XML, SQL,Python, Angular JS
Knowledge and Skills: J2EE, ADF, JSF, JMOCKIT, JUNIT, DOM, JSON, REST, SOAP, BOOTSTRAP, Tomcat, Spring Framework, MVC, Kafka

PROJECTS

1. Service Request Tag Project for Fusion Product of Oracle Service Engagement Cloud   11/2017 - present
This project aims at enriching user experience to group records by tags in a intuitive way and then provide ability to search related records faster.
  • Optimized current schemas and data models in Oracle database to include tag value and tag reference table.
  • Exposed REST & SOAP API for users to register tag or maintain their association relationships in database.
  • Developed interfaces utilizing JSF, ADF to support tagging functions, including tag creation, tag association, advance search, etc.

2. Service Availability Monitor Beacon Project for Oracle Service Engagement Cloud   01/2017 - 10/2017
This project aims at creating a service availability monitor system. It will benefit three types of participants: service providers could be able to register service availability information in database; service consumers could be able to discover or be notified of the real-time status of service; and service administrators could be able to schedule downtime for service.
  • Designed and created schema and data models in Oracle database, including service provider table, service table and service history table.
  • Created a service registry application by using Oracle ADF framework. Exposed service registry server REST API to register service provider status or maintain service availability data.
  • Implemented service registry client API which supports customers to actively know or passively get notified of the status of services.
  • Implemented jUnit test by using jMockit technologies and improve test coverage report from 50% to 90%.

3. Web Application Design & Development of Mutual-fund System for Carnegie Financial Services   07/2016
The application provides functions for customers to manage accounts, buy and sell funds. It also provides functions for managers to manage customer accounts, execute fund-related and check/deposit trades on each transition day.
  • Developed a mutual fund transaction and management J2EE web application in MVC pattern with Hibernate DAO and Apache Tomcat.
  • Created a dynamic front-end interface utilizing DOM, AJAX, HTML5, JavaScript, jQuery, CSS3, Bootstrap.
  • Deployed the application on Amazon AWS EC2 and managed the version controlling by using SVN.

4. Restful Web Service Development for Carnegie Financial Services
05/2016
  • Structured JSON format response and developed the Restful API according to the specification.
  • Implemented testing for 12 use cases by using jMeter and managed the version controlling by using GitHub.
  • Conducted technical decision analysis following the given business context.

5. Web Application Development of Contact Management System   03/2016
  • Developed a contact management application with functions for file uploading and storage, user information inputting and storage, as well as dynamic google map location with CSS, Angular JS.
  • Implemented browsers local storage with cookie fallback utilizing Angular JS module.
  • Manipulated pages with DOM and utilized AJAX, jQuery to deal with JSON data and relay information to users.