WEN(Vivian)MI

570 avocet drive 8205,redwood city, 94065, CA| 412-652-8071| wen.mi@oracle.com| https://www.linkedin.com/in/wenmi

EXPERIENCE

Software Engineer, Fusion Service Development Team, Oracle Corporation. 12/2016 - present
- Part of Fusion Apps Development team involved in research, designing and developing database, model and other various areas in Fusion Application Cloud.
- Working on latest technologies like Java, J2EE, JPA, ADF, JSF, HTML5, CSS, jQuery, REST and SOAP deployed on weblogic platform in a past faced agile development environment.

Master of Science in Carnegie Mellon University, Pittsburgh, PA 08/2016
- Information Technology (MSIT), School of Computer Science, GPA of 3.77

Bachelor in Beijing University of Posts and Telecommunications 07/2015
- Information System

PROJECTS

Slack Channel Integration For Agent Collaboration Project 08/2018 - present
This project aims at providing an ability for agents to collaborate using slack channel between Oracle Service Engagement Cloud for effective communication.
- Provide administration screen to setup a slack channels, URL and authentication information.
- Optimized current schemas and data models to store slack channel information.
- Provide interfaces to enable sending or receiving service request messages with Slack channels, including channel type selection, channel selection, recipient selection, pill attachment, type ahead search, etc.
- Implement the message inbound and outbound communication from Service Engagement Cloud with Slack.

Service Request Tag Project for Fusion Product of Oracle Service Engagement Cloud 11/2017 - 06/2018
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 to support tagging functions, including tag creation, tag association, advance search, etc.

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%.

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.

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.