Walter Chen

GitHub : https://github.com/cicidi/cicidi-home
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• 7 yrs Java Experience, Full stack developer
• I am a good developer , but I want to be excellent

Experience:

Senior Software Engineer

Blackhawk network

October 2015 - present • 1yr 7mos • Pleasanton , CA

- Design, implement, test Company Entity Management V2 Framework by Spring Data.
  - Research on existing Framework, troubleshoot issues which impact performance.
  - Design and implement solution for Rational Database support on existing framework, which only support non-sql currently
  - Provide adapter, converter, validator, encryption interface for company customizations.
  - Implement both positive and negative test for above feature.
- Design and implement portal and web service to manage gift card inventory
  - Use REST, Spring data, Spring Boot to create inventory processing service pull card from various external card sources and save the card in database.
  - Implement inventory dataload service to manage card load status.
  - Create portal provide internal user UI tool to upload gift card data, and manage card load status by calling various web service. Use thymeleaf, js, Spring MVC, Spring Security.
  - Limit user access base on user roles using Spring security, Spring LDAP.
- Create dashboard showing real time card activation data on global map
  - The application shows user realtime transaction on map, and total count compared by HOUR/DAY/WEEK/YEAR
  - Create postpone logic to cache / calculate real time data. The purpose of this logic is to release pressure on database query. By all configuration settings, the logic provides data which delay time is less then 1 second or up to 1 hour.
- Implement EGift Card Service for Staples.
  - Implement EGift card deliver service use AWS SQS, REST, and internal Email Service API
  - Use Apache camel to handle message flow.
  - Release project without any defect to production in 3 month.
- Refractory 4 existing project
  - Performance improved from 15 transaction per s to 60/s, response time reduce from 300+ms to 100+ ms.

Senior Software Engineer

Apple

May 2015 - October 2015 • 6mos • Sunnyvale , CA

- Maintain https://support.apple.com/
  - Work on back-end,fix defects in web application.
- Implement data pipelines from various application
  - Use various APIs to pull data from Solr search engine, HDFS, and Cassandra DB
- Analyze business big data
  - Use Hadoop MapReduce to analyze the frequency of search queries comes from support.apple.com
  - Study from open source and implement solution to support multi-line JSON array,while is not supported by Hadoop 2.7 by default.
- Data parsing, and formatting
  - Implement lots of data validator base on business requirement.
  - Use Java/Python to create tool parse daily log into business report, formatting like excel, pdf.

Senior Software Engineer

Huawei

May 2014 - April 2015 • 1yr • Santa Clara , CA

- Design and develop XML driven application and tool
  - The final product of our project is XML driven web application/webservice, which is configurable and customizable for different companies.
- Develop Eclipse Plugins
  - Develop Eclipse Plugin UI using open source framework, such as EMF, JFace.
- Develop Eclipse plugin runtime
  - The runtime is to read configuration then generate source code and deploy application automatically.
  - Develop Component repository with Maven/FTP server/Nexas repository.

- Auto-generate Maven pom, and auto-deploy application by jenkins job.

• **Design and develop POC of SaaS tool.**
- Use AngulaJs create cloud based tool and runtime.

Java Developer

CGI

May 2013 - May 2014 • 1yr 1mo • Belton , TX

• **Work on Land Property Management Application**
- Implement front end use JSF, Primeface, Ajax,JavaScript
- Create Web service use REST,SOAP,Spring web flow.
- Implement DAO layer use JDBC and hibernate and Oracle
- Use Spring AOP to handle Exception and logs
- Implement Unit test and automation test.

• **Work on Healthcare.gov**
- Fix defect in existing web service
- Implement integration testing case.

Java Developer

clinpharma clinical research llc

May 2012 - May 2013 • 1yr 1mo • Princeton , NJ

• **Create various web application using Spring, Hibernate, Struts, JSF**

Education:

University of Florida

Master , Information Systems and Operations Management

08-2010 - 04-2012 • 1yr 9mos

Dalian Maritime University

Bachelor , Business

09-2004 - 08-2008 • 4yrs

Featured Skills:

Spring : Spring MVC, Spring AOP, Spring Boot, Spring Data, Spring social, Spring Retry, Spring Security, Spring LDAP, Spring Web Flow, Spring Batch

J2EE : REST, SOAP, JPA, Hibernate, JAXB, Jackson, Hibernate, Maven, Log4j, Logback

Front End : Thymeleaf, Javascript, JSF, AngularJS, JQuery, Ajax, HTML,CSS

Database : Mysql, Oracle, Mongo

BigData : Hadoop MapReduce, Hive

Other : Linux, Unix, AWS, Shell script, python, Jenkins, Git, SVN