CONTACT INFORMATION

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PERSONAL INFORMATION

- Zhao Changgang(赵昌刚)/male/1987
- Bachelor Degree/Qingdao University of Science and Technology/Computer Science
- Years of working: 5
- Github: https://github.com/donaldjohn
- Expected Position: Advanced Java developer
- Expected Salary: 20k~25k pre-tax
- Base City: Beijing
- English Level: IELTS 6.0/CET-6
- PMP

SKILLS

- Frameworks: Ofbiz, Spring MVC, Spring Framework, Hibernate, Java EE
- Front-end Skills: HTML, Javascript, CSS, JQuery, FreeMarker, Markdown
- Database: Oracle, SQL Server, MySQL, BaseX IDE: Eclipse, Intellij IDEA, Visual Studio, Visual Code, Atom
- VCS, Building Tools: SVN, GIT, Maven
- Language: Java, C#, SQL
- OTHERS: XML, XQuery, Json, Linux

WORKING EXPERIENCE

Intellectual Property Publishing House(IPPH) （ 2013.4 ~ present ）

Gazette Electronic Publication System of SIPO

I developed the prototype of the system. Found and implemented a solution that view large PDF files online. The website is the official patent gazette Publishing website of China, it provides China patent gazette search and browse service. The search function is implemented with Oracle and full-text database TRS. The most difficult part of this project is to implement a PDF viewer that works in all most used browsers. The gazette files always very large, their size usually go to more than 2G bytes, I need to find a way to load the giant PDF file progressively. In order to get rid of malicious downloading, it requires to hide the real file path. Tried some solutions, found that the JS related solutions usually convert PDF files to HTML5 pages, it works not well in earlier versions of IE like IE7. Finally, I choose the FlexPaper(now renamed to FlowPaper), when the user navigating around the PDF file in their browser, the corresponding pages are converted to separated swf files in the server, then transferred to the front side by Stream, by this way the PDF files' paths are hidden. The solution fulfilled the requirement of the Online PDF Viewer.

Laichushu Self-publishing Platform

I participated this project from beginning to end. Laichushu is a portal website combined with ERP and E-commerce function. Users can register and upload their manuscript, buy books that published by IPPH, staffs of IPPH can work on the platform to revise those uploaded manuscripts. I am the PM of this project in fact, I cooperated all the stakeholders, divided tasks and made plans. Besides, I also engaged in the coding tasks. The project is a great challenge to me, thanks god, it went to online successfully.

Website of All-China Patent Attorneys Association

This is the official website of All-China Patent Attorneys Association with CMS, register, authority management, online enroll and online pay functions. I implemented the enroll and online pay part. This website is a typical Java EE project built with SSH(Spring MVC, Spring boot, Hibernate), it enhanced my Java EE knowledge.

OTHERS

- Trade Platform of patents
- Patent Data Resource Management System: Parsing all kinds of patent data files and importing them into Oracle database, the format of those files are XML, mdb, xls, trs, prj and so on. The row numbers of tables are huge, I need to partition them and optimize the database.
- Patent Reexamination Search System for Patent Reexamination Board of SIPO : the search system of reexamining cases based on Java EE.
- Patent Document Producing Management System: All the official published patent documents are produced by IPPH, this is a Management system for the patent

document producing department, I implemented parts of the search and statistics functions.

- A tool that when you putting the mouse pointer on the area of one country's map it shows patent related information of this country. it based on jVectorMap and JSON.

MESNAC (2012.7 ~ 2013.3)

Tire Whole Lifetime Information Management System

- In charge of developing queries and reports

Thank you for reading my CV, wish to work with you.