

Frank Yu

Software Developer

Secaucus, NJ - Email: franku@protonmail.com

Software Engineer with solid hands-on experience building a large-scale web application from bottom up within a fast-paced agile team. A quick learner and problem solver. Committed to deliver high quality code. Always willing to take on challenges. Efficient communicator and team player. Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Software Developer

Laboratory Information Management, Great Lakes Bioenergy Research Center - Madison, WI - December 2015 to April 2017

Drove the end-to-end design and implementation of our Plant Documentation Improvement system, which

enables agronomy organizations to design their experiment, accurately capture their data and improve their

technicians' documentation

Advanced the implementations of the configurable Online Ordering System, which ensure the entire

material production chain between each group work better

Designed and Implemented iPad online and offline sample collection mobile apps for seeds group collecting

data from remote field locations where Internet connection was not available

Responsibilities:

1. Understand customers' needs through meetings and on-site interviews
2. Design an optimal workflow to address customers' needs
3. Implement a full stack solution for the optimal workflow
4. Maintain system quality through extensive code review and functional testing
5. Mentor junior developers on my team

Java Intern

Premium IT, Inc - New York, NY - April 2015 to October 2015

Developed Bank Payment Obligation applications using Java, JSP, J2EE, web programming technologies

including HTML5, CSS, JavaScript and XML/JSON

Focused on development of back-end tiers which enhance Purchase Order Financing which helps

company could be able to afford the supplies necessary to meet the client's particular needs

Enhanced and implemented Document Preparation Module which integrates with BPO

Issuance, Invoice,

Shipment system

Worked with Oracle database using SQL and PL/SQL.

Software Developer

Purchasing & Sales Analysis, Palm XJ Technology Co. Ltd - Urumqi, CN - February 2012 to August

2013

Involved in the software development life cycle (SDLC) of the project include the phases of design,

implementation and verification.

Involved in the development of various Java beans for account summary, transaction history and reference

data module using Core Java such as collections Framework, Generics, exception handling, etc. Involved in working with Oracle database using SQL and PL/SQL. Used JNDI for naming and Directory

Services.

Created HQL for querying, updating, modifying and saving model objects to the database and wrote stored

procedure in Oracle.

Used Hibernate Annotations for mapping based on E-R diagram and bean classes instead of creating configuration files.

Developed complex service components for Data Access Layer, DAO classes to interact with back-end

using J2EE, Hibernate Framework and Hibernate Template.

Implemented asynchronous request handling & partial refreshing by using AJAX.

Used SAX and DOM for XML data generation and presentation.

Java Intern

Xi Ling Information Technology Co. Ltd - Urumqi, CN - June 2010 to October 2010

Involved in Agile development team for developing and testing

Involved in developing the application level flow by utilizing Java, JSP and Servlets

Involved in designing database schema using ER diagrams

Created the Data Access Objects and mapped POJOs to database by using Hibernate

Used HTML, CSS and JavaScript/JQuery for creating front-end UI pages

EDUCATION

Master of Engineering in Computer Science in Computer Science

Stevens Institute of Technology - Hoboken, NJ

May 2015

Bachelor of Engineering in Computer Science in Computer Science

North China Electric Power University - Beijing, CN

July 2012

SKILLS

C# (Less than 1 year), CSS (Less than 1 year), Java (2 years), JavaScript (Less than 1 year), SQL (2 years)

ADDITIONAL INFORMATION

Specialties:

Web development: Javascript, KnockoutJS, JQuery, HTML, CSS

Java, C#

Relational DataBases, SQL

Agile Development, Scrum

Git, Continuous Integration