

# Hai Mai

## (Contract) Sr. Software Engineer

Tigard, OR - Email me on Indeed: [indeed.com/r/Hai-Mai/23ab663127190f90](https://www.indeed.com/r/Hai-Mai/23ab663127190f90)

Software developer with 16+ years success developing innovative and highly-available distributed solutions to meet specific and broad business demands within different departments and industries; including full-scale B2B experience.

Advanced skills with programming tools to individually and collaboratively solve problems, complemented by proven ability to adapt and quickly learn and use emerging technologies. Mastery of full software development life cycle with extensive experience in presentation, logic and data layers.

Technical proficiencies include:

Languages and technologies: Java EE, JSF/PrimeFaces, Vaadin/GWT, Hibernate, Ajax(XML, JavaScript, HTML5, CSS3, DOM), T-SQL, PHP, PGP Encryption, EDI

Tools/Software: Eclipse, JUnit, Ant/Ivy, Arquillian, Subversion, JIRA, Team City, SharePoint, O365, Dreamweaver, DFD, ERD, UML

Servers: SQL Server, Oracle DB, Informix DB, MySQL, JBoss, Tomcat, Derby, MS IIS, XML-RPC

Platforms: MS Windows, Unix - Sun Solaris, Linux

Paradigms and Designs: OOAD/OOP, SDLC, MVP, MVC, Agile, Scrum

Authorized to work in the US for any employer

## WORK EXPERIENCE

### (Contract) Sr. Software Engineer

Ultra Signup - Sacramento, CA - September 2016 to April 2017

Ultra Signup is a national race event registration company

Tasked with refactoring and adding to Restful API for race timing, race results, and race registrations.

Created and managed unit and integration testing.

- Race Events Web Services Refactored and added new services. Java EE

### Sr. Software Engineer

XPO Logistics - Portland, OR - August 2014 to April 2016

XPO Logistics is an international supply chain solutions company of 87k employees.

Core responsibilities included managing the support value stream and developing customer-centric, web-based solutions for warehousing, freight, and ordering systems. Participated in design and code reviews. Collaborated with QA, stakeholders, core systems, and infrastructure teams to deliver web visibility of operational systems.

Engaged with director-level decision makers on corporate middleware and software requirements and procurement.

- Trailer Inventory System Designed and developed web application for managing trailer inventory. Vaadin, Java EE
- Production Support Value Stream Managed support of enterprise systems using ITIL and LEAN processes - included maintenance and enhancement of supported systems. Engaged heavily in cross-team collaboration, and focus on root cause analysis. Vaadin, Java EE

### (Contract) Java Developer

US Dept. of Agriculture - NWCC - Portland, OR - March 2012 to August 2014

The NWCC is the National Water and Climate Center of the U.S. and a sub-agency of the USDA Responsible for the development and maintenance of web-based climate, hydrological and environmental software. Designed, developed and documented new software while maintaining existing in-place software on Tomcat, JBoss, and SQL Server on Linux and Windows boxes. Participated in design reviews and code reviews.

- Air, Water and Snow Telemetry Web Services Upgraded services for new 30 year Normals. Java EE <http://www.wcc.nrcs.usda.gov/reports/SelectUpdateReport.html> Redeveloped front end and logic of report engine site. JSF/PrimeFaces, Java EE
- Alert Messaging System Developed alert system for data storage process in a hosting environment. Java EE
- Basin Group Management Developed application to manage water basins for continental U.S. JSF/PrimeFaces, Java EE
- ORM project Complete conversion of database layer to ORM/Hibernate and JPA.
- DAO project Complete conversion and integration of data access objects using EJB and CDI.
- Engineering Field Tools Developed waterway construction app used by field civil engineers. SWT

### **(Contract) Software Developer**

MRG Software - Oakland, CA - June 2008 to September 2010

MRG Software is a solutions development company focused on financial services.

Participated in full product development lifecycle; with full stack development in UI, object, and data layer.

- Investment Portfolio Manager Charged with requirements, design and development. JSP, Java EE, SQL Server

### **Java Developer**

Pope & Talbot, Inc - Portland, OR - January 2000 to May 2008

Pope & Talbot was a multinational wood products company (filed Ch. 7 bankruptcy in 2008)

Improved user experience and solved changing business demands with more intuitive, robust java applications that cut costs through less support and maintenance (replaced legacy Powerbuilder apps). Participated in full software development lifecycle; both as a team member and as an eventual lead. Highly distributed enterprise architecture included Unix servers (Apache, EJB, Servlet and RDBMS) with Windows clients (browser and desktop).

- Corporate internet: <http://www.poptal.com>: Webmaster. Designed, developed and maintained content through collaboration with top executives to ensure quality and integrity of site. Used Dreamweaver and Apache server.
- Corporate intranet: Developed JSP web app for users to update content and functionality--CMS application
- Vendor Managed Ordering and Inventory system: Setup Tomcat for Servlets to be messaged by my developed JSP's which updated SQL Server records and displayed Email reports. Swing, Java EE.
- Stumpage Accrual and Accounting system: Project lead and owner. Defined and wrote UI and logic that integrated and automated Ministry of Forestry XML invoices received for accounting and operations departments. This saved over 40 hours of data entry per week. Swing, Java EE.
- Shipping application: Designed and developed event-driven, automated processes which built invoices faxed to carriers.
- A/P and GL services: Project lead and owner. Developed Swing application for accountants to reconcile accruals and send checks to vendors by interfacing through Lawson Financials.
- Cash Management Reporting system: Designed and developed system to extrapolate future payments for freight and stumpage, in millions of dollars, for executives to manage cash. JSP, Java EE
- Embedded software for Intermec barcode scanner: Project lead. Coordinated the procurement of hardware (planar labeling machine, bar code scanners) and development of software (C++) to read and label lumber processed through the mills, and the ability to scan and update inventory.

- Automated ETL processes for POs, Invoices, and U.S. customs entry: Developed XML-RPC services which produced invoices sent to customs broker for products shipped from Canada to U.S. Java EE.
- Freight and Logistics application: Project lead. Developed system/application, by working with freight carriers, to receive invoices for expenditures and order tracking--to provide logistics dept. with decision making for cost savings. This saved over 60 hours/week of data entry of freight invoices. Swing, Java EE.

## **Systems Analyst**

Nike, Inc - Beaverton, OR - January 1999 to January 2000

Nike is an international leader in athletic footwear, apparel and equipment.

Divestiture legacy inventory, sales order and tracking systems. Developed, implemented and supported new business applications in USA Delivery Logistics/Supply Chain for footwear, apparel and equipment; including operational, managerial, and executive reporting. These were VBA applications which performed ETL from corporate data sources.

- Order Tracking: Developed VBA app for analysts to track cargo containers/products from manufacturer, reloads and warehouses in Asia.
- Inventory Management: Developed VBA app for managers to manage warehouse capacities and capabilities.
- Sales Forecast: Used MS Access to produce reports as a budgeting tool, consumed by executives.

## **EDUCATION**

### **B.S. in Information Systems and Quantitative Analysis**

Portland State University - Portland, OR

September 1995 to March 2012

### **B.S. in Business Administration: Marketing**

Portland State University - Portland, OR

September 1995 to March 2012

## **SKILLS**

Languages and technologies: Java EE, JSF/PrimeFaces, Vaadin/GWT, Hibernate, Ajax(XML, JavaScript, HTML5, CSS3, DOM, jQuery Mobile), T-SQL, PHP, PGP Encryption, EDI Tools/Software: Eclipse, JUnit, Ant/Ivy, Arquillian, Subversion, JIRA, Team City, SharePoint, O365, Dreamweaver, DFD, ERD, UML  
Servers: SQL Server, Oracle DB, Informix DB, MySql, JBoss, Tomcat, Derby, MS IIS, XML-RPC Platforms: MS Windows, Unix - Sun Solaris, Linux Paradigms and Designs: OOAD/OOP, SDLC, MVP, MVC, Agile, Scrum (10+ years)

## **LINKS**

<http://www.wcc.nrcs.usda.gov/reports/SelectUpdateReport.html>

## **ADDITIONAL INFORMATION**

Strong analytical, technical, interpersonal and managerial skills; charismatic, affable, objective, self-driven, goal-driven, resourceful, results/achievement-oriented, effective verbal and written communication skills.

Core Beliefs and Values: Respect and empathy, integrity and trust, altruism, education, risk, influence/impact, teamwork/synergy, anything open-source.