

Jason Lee

Senior Principal Software Engineer at Oracle

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Summary

Solutions-oriented enterprise developer and published author with over 22 years of broad-based, enterprise development. Proven ability to handle all stages of the SDLC, from requirements gathering and systems and database design, to implementation, deployment and support. Love to teach/ mentor, and always eager to learn and push technologies to their limits to meet customer needs.

Languages: Java, Kotlin, C/C++, SQL, JavaScript, Python, PHP, Delphi

Tools/Frameworks: Jakarta EE, Spring, JUnit, TestNG, Selenium, Git

Mobile Development: Android

Experience

NetSuite / Oracle

October 2014 - Present

Senior Principal Software Engineer

I act as tribe architect for Oracle's NetSuite e-commerce solution. As architect, I exercise technical leadership in how we build our system. Apart from any coding duties, it is my responsibility to ensure that our part of system is coherent, stable, and in keeping with the overall technical direction of the product as a whole, and that the team understands the technical and business concerns for any given functional change.

- Responsible for interacting with product management and other stakeholders to determine the technical requirements for a feature, preparing prototypes and/ or high-level implementation plans, and working with the implementing team to help deliver the feature
- Assisted in refactor effort of our REST application, providing a cleaner separation of concerns, introducing dependency injection, and making code more easily testable.
- Work with other developers across the organization to help vet architectural designs and directions, as well as working with other developers in my own group to ensure that our designs are compatible with the overall direction of the organization.
- Communicate with local team about new capabilities of the system, new libraries/tools available to use, as well as industry changes and trends that might be helpful – or interesting – to the team.
- As needed, interact with customers and the support organization to determine the cause of and solution for more difficult issues.

Cub Tracker

April 2011 - February 2017

Creator/Developer

Designed and implemented an Android application to assist parents and leaders in tracking the progress of Cub Scouts.

- Maintain user community to offer support and solicit application enhancement requests
- Over 10,000 downloads with a current install base of almost 4,000 users

Oracle / Sun Microsystems

July 2008 - October 2014

Principal Member of Technical Staff

Designed and implemented both GUI and RESTful administration interfaces for the GlassFish application server. Served on JavaServer Faces 2.0 Expert Group.

- Implemented plugin architecture for the REST interface, allowing internal and external customers to provide their own plugins based on individual needs
- Improved user experience by modernizing the GlassFish Administration Console, integrating legacy JSF-based framework with current (ajax-enabled) standards, reducing page load times from several seconds to an average of 0.5 seconds.
- Regularly interacted with open source community handling bugs, feature requests, and general support
- Provided stable, consistent REST interface for internal and external customers
- Increased product reliability by designing and developing a testing framework to prevent feature loss and bug regression
- Helped migrate REST API generation framework from GlassFish to Weblogic Server
- Contributed to the maintenance and development of the Weblogic Server administration console

Objectstream, Inc. (subcontractor for FAA)

May 2007 - July 2008

Software Architect

Worked with team of business analysts and Subject Matter Experts to design a training tracking system for the Federal Aviation Administration's Air Traffic Organization.

- Met with Subject Matter Experts to help determine functionality of system
- Developed proof-of-concept implementations for architecturally interesting parts of the system.
- Developed and delivered final architectural proposal to steering committee

International Environmental Corporation

January 2005 - May 2007

Senior Software Engineer

Designed, implemented, and supported systems to support in-house customers

- Increased reliability, availability and stability of backend database by migrating from MySQL 4 to PostgreSQL 8
- Increased application reliability by implementing unit and functional testing framework
- Made systems more predictable and easier to maintain by standardizing on a few, core technologies
- Mentored and trained teammates on new or unfamiliar technologies

Hobby Lobby Stores, Inc.

July 2001 - January 2005

Programmer/Analyst

Supported store back office systems to allow for sales/time reporting, etc, as well as integrating point of sales systems with iSeries backend

- Decreased downtime for stores' back office system by replacing aging AIX server with fault-tolerant Linux-based systems
- Improved end-user experience with back office system by delivering frequent bug and stability fixes to 300+ remote stores
- Insured sales were smooth and efficient by monitoring and maintaining the credit and gift card networks

Medtech / Red River Solutions

July 1998 - July 2001

Programmer/Analyst, Front-end Team Lead

Designed, implemented, and supported systems to facilitate the medical records retrieval process for our call centers

- Help design and implement distributed workflow engine that powered the business
- Led a small team of front-end developers, writing both Java- and C++-based applications
- Mentored and managed junior developers
- Simplified and sped up end-user application development process by designing an application framework that rested on top of the C++Builder GUI code
- Improved product quality by installing and maintaining a bug tracking system
- Maintained local area network for the Tulsa-based development office

Wal-Mart

June 1997 - June 1998

Programmer/Analyst

Developed systems to aid the logistics management teams

- Helped design and develop an extension to the decision support system for the Logistics department
- Saved the company over \$168 million dollars by implementing a system to locate and identify inventory that had been sitting in the distribution centers for too long

Education

Oklahoma Baptist University

B.S., Computer Science · (1993 – 1997)