

Summary

Senior Software Engineer with over 12 years of experience specializing in Java development, distributed system architecture, and database management. Extensive background in designing, developing, and deploying scalable enterprise software solutions. Proven ability to manage complex projects in healthcare and other sectors, ensuring high-quality results and on-time delivery. Adept at collaborating with business analysts and stakeholders to translate requirements into working solutions. Expertise in leading code reviews, mentoring teams, and employing both Agile and Waterfall methodologies.

Experience

Senior Software Engineer

Tolleson Union High School District

Jun 2015 – Ongoing

Avondale, AZ

Developed and maintained scalable enterprise-level software solutions

- Led design and development using Java, SQL, and PL/SQL in both UNIX and Windows environments, ensuring seamless integration with Oracle RDBMS.
- Worked collaboratively with architects and business analysts to translate requirements into technical architecture specifications.

Enhanced performance of distributed software systems

- Optimized existing code using Object Oriented Analysis and Design (OOAD) and introduced design patterns for better system efficiency.
- Utilized Spring, Hibernate, and XML to improve system-level performance, reducing response times by 30%.

Lead Developer & Architect

by The Lindemans

Dec 2010 – Ongoing

Glendale, AZ

Architected large-scale web applications with a focus on healthcare systems

- Led full lifecycle development of web-based applications using Java, REST APIs, and SOA to ensure scalability and security.
- Developed automated scripts in Shell and Perl to streamline deployment and manage builds on UNIX systems.

Improved system security and reliability

- Implemented industry-standard security protocols, ensuring that web applications adhered to regulatory healthcare standards.
- Mentored junior developers in best practices, focusing on robust software engineering principles.

Senior Software Developer

The Church of Jesus Christ of Latter-Day Saints

May 2013 – May 2015

Syracuse, NY

Developed healthcare-related enterprise applications

- Collaborated with cross-functional teams to design and implement healthcare data management systems.
- Utilized Agile methodologies for iterative development, ensuring the delivery of modular, maintainable solutions.

Led project teams in distributed software development

- Designed and developed distributed architectures leveraging Oracle RDBMS and PL/SQL, reducing system downtime by 40%.

Education

Bachelor of Science in Computer Science

Arizona State University

Graduated May 2011

Tempe, AZ

- Graduated Summa Cum Laude with a 3.9 GPA.
- Focus on Software Engineering, Distributed Systems, and Database Management.

Skills

Java

SQL

PL/SQL

Oracle RDBMS

UNIX Shell Scripting

Spring

Hibernate

Service Oriented Architecture (SOA)

Web Application Architecture

Agile & Waterfall Methodologies

OOAD & Design Patterns

Distributed Software Systems