

Nicholas G. Nelson

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Technical Skills

Languages

Java, JavaScript, TypeScript, SQL, Python, Lua, C/C++

Frameworks/Libraries

Angular, React, Bootstrap Font Awesome, Spring, Hibernate, TestNG, Junit

Tools

Git, Maven, npm, IntelliJ IDEA, BASH, Linux, Anthill, AEM, Elastic Search

Soft Skills

Leadership and management, Leading by example, Training

Customer service, Communication, Organization, Taking initiative

Thinking ahead, Implementing best practices to reduce technical debt, Spanish speaking

Certifications

GIAC Certified Web Application Defender – GWEB

Valid
May 2018 – May 2022

Experience

Software Development Engineer (Level 2)

The Church of Jesus Christ of Latter-day Saints

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Riverton, UT

- Lead software development engineer for Event Central and LMS Access Management Portal, applications used globally with millions of users (Oracle, Springboot, AngularJS)
- Developer team member for Content Central, designing and creating new user interfaces, optimizing back-end operations from minutes to seconds, and finding and fixing major security vulnerabilities (Oracle, Springboot, AngularJS)
- Developer team member for Titan, playing a role in system architecture, DB schema, and API design (Oracle, Marklogic Elastic Search, Springboot, AngularJS, AWS)
- Maintained, modified, and integrated Event Central with Content Central
- Started LMS Access Management Portal from scratch, leading the organization with a new application architecture (SQL Server, Springboot, Angular)
- Authored two metadata migration tools as part of an upgrade from AEM 6.2 to AEM 6.4 (SQLite, Springboot, Angular)
- Contributor to various other code projects in the organization (QA Automation, microservices)

Quality Assurance Engineer

The Church of Jesus Christ of Latter-day Saints

0.5

Riverton, UT

- Discovered and reported bugs for the Gospel Library iOS application with millions of users and Content Central
- Developed software in Java to automate the process of quality assurance testing

Sales Associate

Dillard's

4

Idaho Falls, ID

- Trained new employees on how to use IBM computer systems for sales, orders, and inventory operations between stores; how to mark tailored clothing for alterations
- Occasionally repaired IBM Point of Sale machines

Host

Fieldwork Phoenix

0.5

Phoenix, AZ

- Helped clients with all their needs including technical support and management of complex, high-end audio and video recording and networking equipment
- Provided host services to high profile clients, managing focus sessions for classified research

Education

Brigham Young University-Idaho

Bachelor of Science in Software Engineering

Graduation: December 2016

Rexburg, ID

- Relevant coursework: Object-oriented Programming, Advanced Data Structures, Software Design and Development, Software Engineering, Web Engineering
- Member of Association for Computer Machinery