

# Nicholas G. Nelson

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## Technical Skills

| Languages  | Frameworks/Libraries   | Tools  |
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| Java, JavaScript, TypeScript, SQL, Python, Lua, C/C++            | Angular, React, Bootstrap Font Awesome, Spring, Hibernate, TestNG, Junit | 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  | Valid                      |
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| <b>GIAC Certified Web Application Defender – GWEB</b> | <b>May 2018 – May 2022</b> |

| Experience | Years |
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| <b>Software Development Engineer (Level 2)</b><br><i>The Church of Jesus Christ of Latter-day Saints</i> | <b>2</b><br><i>Riverton, UT</i> |
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- 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)

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| <b>Quality Assurance Engineer</b><br><i>The Church of Jesus Christ of Latter-day Saints</i> | <b>0.5</b><br><i>Riverton, UT</i> |
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- 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

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| <b>Sales Associate</b><br><i>Dillard's</i> | <b>4</b><br><i>Idaho Falls, ID</i> |
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- 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

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| <b>Host</b><br><i>Fieldwork Phoenix</i> | <b>0.5</b><br><i>Phoenix, AZ</i> |
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- 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

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| <b>Education</b><br><b>Brigham Young University-Idaho</b><br><i>Bachelor of Science in Software Engineering</i> | <b>Graduation: December 2016</b><br><i>Rexburg, ID</i> |
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- Relevant coursework: Object-oriented Programming, Advanced Data Structures, Software Design and Development, Software Engineering, Web Engineering
- Member of Association for Computer Machinery