

## SOFTWARE ENGINEER – FULL STACK DEVELOPMENT

- Experienced in the full Software Development Lifecycle, from preliminary design through release, installation, training, and client support.
- Experienced in C#, familiar with JavaScript, Node.js, Perl, and Java.

### *Skills*

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|-------------------------------|-----------------|-----------------------------|
| ▪ Object-Oriented Programming | ▪ Visual Studio | ▪ Change Control Management |
| ▪ MERN stack                  | ▪ NoSQL         | ▪ Git                       |
| ▪ Agile Development           | ▪ MySQL         | ▪ Team Foundation Server    |

### *Professional Experience*

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#### ***JULY 2015 TO PRESENT: PERSONAL LEAVE***

- Attended the University of Arizona Coding Boot Camp. Learned Full Stack Web Development.
- Maintained programming skillset by completing programming challenges on HackerRank.com.
- Stay-at-home dad.

#### ***APRIL 2014 TO JULY 2015: INTEL CORPORATION – SOFTWARE ENGINEER***

*Fulfilled a critical role providing Level 2 support on station controller (SC) systems. SC systems drive Intel's manufacturing of microprocessors.*

- Supported SC systems and built workaround documentation to address developing issues.
- Configuration manager for SC systems in a local microprocessor production facility.
- Leveraged expertise in Perl and C# to troubleshoot and investigate the root cause of issues.
- Documented all software bugs and communicated with developers as part of the continuous improvement cycle.

#### ***SEPTEMBER 2010 TO APRIL 2014: INTEL CORPORATION – SOFTWARE ENGINEER***

*Using C#, developed, enhanced, and solved bugs for mission-critical Station Controllers (SC) used for manufacturing automation. Responsible for writing technical SC documentation, personnel training worldwide, and on-call L3 support.*

- Advocated Agile (Scrum) development practices including the use of TFS.
- Developed the baseline for the next generation of station controllers, which slashed development cycles from 6 months to 2 months. Created a standardized training package for the baseline software.
- Chair of weekly meetings with other SC developers throughout the Americas.

#### ***JULY 2008 TO SEPTEMBER 2010: INTEL CORPORATION – SOFTWARE ENGINEER***

*Performed Quality Assurance (QA) activities for building and installation of mission-critical station controller software packages. Activities included leading the Change Control Board (CCB) and administering servers and websites with which the software packages were released worldwide for Intel manufacturing.*

- Identified process inefficiencies and collaborated across organizations, in an Intel-Lean-awarded project, to eliminate the centralized CCB and improve software package release schedule and quality.
- Awarded for excelling at customer service and maintaining manufacturing quality standards for software package releases. Reduced QA time by writing scripts (Perl, batch, NAnt) to automate builds and install testing.
- Owned and managed the CCB SQL Server.

### *Education*

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**Certificate Program – The University of Arizona Coding Boot Camp (October 2018)**  
**BS in Computer Science, Minor in Mathematics – New Mexico State University**