

Wade Johnson

SENIOR SOFTWARE DEVELOPER

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"The best way to predict the future is to invent it. - Alan Kay"

Summary

As a Senior Software Developer at WTFast, I apply my Go knowledge and software architectural design skills to create high-performance web and cloud solutions for online gamers. I have over four years of experience in this role, and I enjoy working with a passionate and innovative team that strives to improve the gaming experience for thousands of users worldwide.

Before joining WTFast, I was a Software Architect at Atomic47 Labs, where I worked in the blockchain industry. Through these experiences, I developed strong competencies in software development, continuous integration, and web and cloud technologies.

I have many years of experience designing, building, refactoring, and enhancing software applications. I enjoy refactoring legacy code bases so they can bring the most business value.

Work Experience

AAA Internet Publishing Inc. (DBA WTFast)

Kelowna, BC. Canada

SENIOR SOFTWARE DEVELOPER

Sept. 2019 - Present

- Designed and implemented foundational network and project structure in Google Cloud using Terraform.
- Maintained Windows Client build system on Jenkins.
- Designed new Windows Client build system on Github Actions.
- Created a custom deployment system for the Windows Client VueJs application.
- Introduced and deployed a Prometheus metrics monitoring solution.
- Created Github Actions deployment pipeline for building software for routers.
- Deployed a Go proxy (Athens) that was critical to transitioning the company to Github.
- Maintained custom Go OAuth2 server.
- Create SAML token verification server for an important partner.
- Created a server based oauth2 client authentication system for a partner.
- Created Go authentication middleware that which allowed the the elimination of Cloud Endpoints.
- Ported embedded browser from CefSharp to WebView2 browser engines.
- Ported gRPC server to ConnectRPC so web clients could be used.
- Created a websocket server to push client device authorizations.
- Created an example nDPI packet dissector.

Atomic 47 Labs

Kelowna, BC. Canada

SOFTWARE ARCHITECT

Aug. 2018 - Oct. 2019

- Designed high level deployment architecture to optimize cost on Amazon Web Services.
- Designed a Discord chat bot implemented with Node.js and Dokku.
- Mentored junior developers in technical architecture and problem solving.
- Performed Operations tasks such as OS platform, networking, and DNS Management.

Maplecake Software Corp. (Contr. for Do Some Good Community Contribution Company Inc.)

Kelowna, BC. Canada

FOUNDER / SENIOR SOFTWARE DEVELOPER

Oct. 2017 - Aug. 2018

- Implemented features and bug fixes for a React web application and React native mobile app.
- Implemented compiler (lexer and parser) for custom markup language used in posting.

Maplecake Software Corp. (Contr. for Das Reboot Services Inc.)

Kelowna, BC, Canada

FOUNDER / SENIOR SOFTWARE DEVELOPER

Jan. 2015 - Aug. 2017

- Performed upgrade from TFS (Team Foundation Server) 2012 to 2015.
- Performed upgrade for application reports to ActiveReports 10.
- Managed TLS certificate procurement and installation.
- Corrected out of memory issue that caused slow application startup time.
- Corrected Lucene indexing issues with the ERP ServiceCentre application.
- Corrected issues and added features for the Equipment Quoting application used nationwide in Canada.
- Added TransUnion Credit Reporting service into ERP (DealerLink) Credit Application.
- Refactored deployment tool (SyncInfo).
- Corrected bugs and added features to internal ERP applications.
- Started documentation project for ERP DealerLink Installation.
- Wrote FSharp application to remove weblogs periodically.

Maplecake Software Corp. (Contr. for TheDrillBook Inc.)

Calgary, AB, Canada

FOUNDER / SENIOR SOFTWARE DEVELOPER

Dec. 2013 - Nov. 2015

- Added features and bug fixes to the primary web application for teaching hockey.
- Implemented an email processing system.
- Introduced Jira issue tracking software to the company and designed a custom development workflow for tracking ticket completion.
- Introduced Jenkins build server for building mobile applications.
- Mentored and trained QA and junior developers.
- Introduced HockeyApp for implementing a beta test program for the mobile application.

Maplecake Software Corp. (Contr. for Sunexo Solutions, Inc.)

Calgary, AB, Canada

FOUNDER / SENIOR SYSTEM ADMINISTRATOR

Dec. 2013 - Nov. 2014

- Managed deployment of the company application IRIS.
- Deployed SQL Server schema changes to support IRIS.
- Deployed Tableau workbooks to application server.

Big Bear Software Inc.

Penticton, BC, Canada

SOFTWARE DEVELOPER

Jul. 2013 - Oct. 2013

- Performed bug fixes on web application for Sprockets manufacturer.
- Worked on team to implement an Oil and Gas pilot project.

Kelowna FlightCraft

Kelowna, BC, Canada

PROGRAMMER/ANALYST

Jan. 2013 - Jul. 2013

- Maintained Lawson M3 plugins that automate workflows.
- Maintained QlikView documents for business intelligence.

Sonic Solutions, Rovi Corp., Corel Corp.

Santa Clara, CA, USA

WEB DEVELOPER

Jan. 2010 - Jan. 2013

- Implemented Jenkins based deployment system for WebCore projects.
- Migrated Roxio project for Pinnacle Systems marketing website to .NET 4.0.
- Designed and implemented a marketing campaign email system.
- Designed and implemented a purchase system used by the Sales team to distribute not for resale licenses.
- Implemented a new XML format for the Roxio Product Registration web service that added new messaging and localization.
- Designed and implemented an AJAX enabled press syndication page.
- Implemented device search and registration page for Retrospect integration.
- Implemented video playback for RoxioNow division.
- Implemented Purchase Validation Proxy Web Service.

Bookette Software Company Inc.

Monterey, CA, USA

SOFTWARE DEVELOPER

Jan. 2008 - Dec. 2009

- Developed a component that gathered language statistics for neural net scoring.
- Designed and implemented REST-based web services that supported a single page web application providing English language feedback (tutoring) and scoring.
- Designed and implemented a continuous integration server to build software.
- Implemented web-based drill-down reports for Benchmark Tracker.

Graniterock Company

SOFTWARE DEVELOPER

Watsonville, CA. USA

Jun. 2007 - Dec. 2007

- Created and maintained build scripts for Visual Studio Team System.
- Implemented and deployed a document management system to track customer receipts.

AMERISAFE, Inc.

BUSINESS ANALYST, ANALYST / PROGRAMMER III

Deridder, LA. USA

Dec. 2001 - Jun. 2007

- Designed and implemented a digital dashboard application.
- Maintained the primary OLAP analysis application.
- Developed a custom alerting system for emailing reports.
- Lead a team that designed and implemented an performance sensitive application that transferred claims documents to a processing company.
- Implemented customization scripts for document scanning and indexing for the Vignette document management system.
- Designed and implemented a system to make the custom ERP (ICAMS) scalable to hundreds of users using the embedded Foxpro database.

Education

Northwestern State University

B.S. IN COMPUTER INFORMATION SYSTEMS AND BUSINESS ADMINISTRATION

Natchitoches, LA, USA

Aug. 1997 - Dec. 2001