

# Wade Johnson

SENIOR SOFTWARE DEVELOPER

1006 Cordova Way Kelowna, BC. Canada

☎ (+1) 250-215-7408 | ✉ computerrivet@gmail.com | 🏠 computerrivet.github.io | 📺 computerrivet | 🔗 <https://www.linkedin.com/in/wade-johnson-785925a/>

*"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

SOFTWARE DEVELOPER

Sept. 2019 - Present

- Designed and implemented foundational network and project structure in Google Cloud (GCP) 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 websocket server to push client device authorizations.
- Created an example nDPI packet dissector.

### LODE (Switzerland) AG (Employee of 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.

### Do Some Good Community Contribution Company Inc.

Kelowna, BC. Canada

SOFTWARE DEVELOPER (CONTRACTOR OF MAPLECAKE SOFTWARE INC.)

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.

**Kubota Canada Ltd. (Contractor of Maplecake Software Inc.)***Kelowna, BC, Canada*

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.

**Sunexo Solutions, Inc. (Contractor of Maplecake Software, Inc.)***Calgary, AB, Canada*

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.

**TheDrillBook Inc. (Contractor of Maplecake Software Inc.)***Calgary, AB, Canada*

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.

**Big Bear Software Inc.***Penticton, BC, Canada*

SOFTWARE DEVELOPER

*July. 2013 - Oct. 2013*

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

**Sonic Solutions, Rovi Corp., Corel Corp.***Santa Clara, CA, USA*

WEB DEVELOPER

*Jan. 2010 - Jun. 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*

- 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***Watsonville, CA, USA*

SOFTWARE DEVELOPER

*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.**

*Deridder, LA, USA*

BUSINESS ANALYST, ANALYST / PROGRAMMER III

*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**

*Natchitoches, LA, USA*

B.S. IN COMPUTER INFORMATION SYSTEMS AND BUSINESS ADMINISTRATION

*Aug. 1997 - Dec. 2001*