

# Chris Olsen

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A highly motivated software developer with **+10 years** of experience. Specialized in creating customized applications from concept to implementation and optimizing existing applications.

## Skills

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<b>Programming</b>	Go, Java, Kotlin, Elm, Python, Lua, TypeScript
<b>Frameworks / Libraries</b>	Android, Defold
<b>Databases</b>	PostgreSQL, MySQL, Sqlite3
<b>Favourite Tools</b>	VSCode, Android Studio, Vim, Git, Docker
<b>OS</b>	Linux, Windows

## Top 5 Knowledge Levels

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<b>Go</b>	●●●●●
<b>Java</b>	●●●●●
<b>Python</b>	●●●●●
<b>Elm</b>	●●●●●
<b>Postgres, MySQL, Sqlite</b>	●●●●●

## Experience

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**Sr Software Developer @ CenturyLink** *Dec 2019 - Present*

**Cloud Engineer III Contract @ CenturyLink** *Dec 2018 - Dec 2019*

Add disaster recovery functionality for CenturyLink Cloud customers, allowing for recovery to CenturyLink, AWS or Azure cloud instances.

- Implemented AngularJS frontend and Python backend features and bug fixes
- Helped move to e2e testing with Cypress
- ⇒ *AngularJS, Python, Cypress, Docker, MongoDB*

### **Software Developer Contract @ Alberta College of Pharmacists (ACP) July 2017 - August 2018**

Help with custom support for an Angular web application and relay issues to company that created the application.

- Identified numerous application usability and security deficiencies resulting in ACP obtaining rights to the source code
- Implemented several fixes to allow the existing application to remain active until rewrite
- Created the data and UI designs for a rewrite of the application
- Developed Elm.js application to export ServiceNow data to Quickbooks .iif format
- Implemented data migration CLI that optimized existing migration times to ServiceNow from over 5 hours to a few minutes
- ⇒ *Elm, Node.js, AngularJS, ServiceNow, MSSQL*

### **Software Developer Contract @ Ledcor July 2017 - August 2017**

One month contract update existing application to allow US contractor access.

- Created a deployment system that decreased deployment time from 10 minutes to a few seconds
- Developed a build system that reduced total application size by ~90%
- ⇒ *AngularJS, Gulp*

### **Senior Frontend Web Developer @ Showbie April 2014 - May 2016**

- On a small team, developed Ember.js based web application, replicated the existing iOS application on the web
- Created Ember.js application which allowed school districts to manage teacher licenses
- Built Go script to convert .po files supplied by the translating service to the custom locale format required for Android, web and iOS
- ⇒ *Ember.js, Go*

### **Software Developer @ Mitre Media 2011 – 2012**

- Optimized web applications created by bought-out companies (reduced response times from > 2min to less than 5 seconds)
- Server and deployment setup for existing applications
- ⇒ *Ruby on Rails, Nginx, MySql, PHP*

### **Android Developer / Architect @ Drivewyze 2010 – 2011**

Designed and developed mobile application which allowed drivers to receive possible bypass notifications from weigh stations. The application also allowed drivers to automate road toll fee payments for participating toll booths. Started as primary Android developer, and later took the role of application architect.

- Responsible for creating and documenting logic for mobile devices and backend API
- Liaison between client and developers
- UI design for all mobile platforms
- ⇒ *Java, Android, Sqlite3*

### **Full-stack Developer @ Minigroup 2010**

- Worked on the backend server logic and frontend jQuery
- Created search module to allow users to find notes, links and/or assets
- ⇒ *Ruby on Rails, jQuery, MySQL*

### **Software Contractor @ Zedi 2008 – 2010**

- Worked on joint project with Schlumberger to customize an existing application that allowed for a smooth transition from their previous well site monitoring tools
- Successfully completed a scalability project which gave the site the ability to handle increased user load
- Completed the SCADA drag n' drop interface that provided users that ability to monitor various on-site sensors
- ⇒ *jQuery, ASP.NET, Oracle*

### **System Analyst II @ Alberta Education 2005 – 2007**

- Created web application for Special Requests that allowed students to apply online
- Allowed the Special Request staff to process student requests online
- ⇒ *ASP.NET, VB.NET, MSSQL*

### **Software Developer (Intern) @ Alberta Education 2005**

- Developed in-house application that allowed flagged exams with scan errors and allowed them to be corrected online instead of manually
- Application increased the speed of the process more than 1000 times
- ⇒ *VB.NET Win32, MSSQL*

## Side Projects

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### LeagueSmart

- <https://leaguesmart.com>
- Creates league schedules and manages games
- ⇒ *Go, Appengine*

### Games

- 99 Red Balloons *using Love2D*
- MathOps *using Defold*

## Education

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- Udacity Intro to Self Driving Cars
- Udacity Android Developer Nanodegree
- Northern Alberta Institute of Technology
- University of Alberta: BSc Chemistry with Specialization