

# Rawley I. Fowler

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PHONE\_NUMBER  
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## Software Engineer

I am an independent Software Engineer and Systems Administrator from Regina, Canada, looking for opportunities to continue my career utilizing my wide array of technical and soft skills.

## **Skills**

- **Front-end:** Vue, Pug, Tailwind, JavaScript, TypeScript
- **Backend:** Express, Ruby-on-Rails, NGiNX, MariaDB, PostgreSQL
- **General Purpose:** Go, C/C++, Java, Clojure, Bash Shell, Korn Shell
- **Other:** Linux (Ubuntu, Gentoo, Debian, Void), OpenBSD, NetBSD, Git, Docker

## Education

**Computer Systems Technology** - Saskatchewan Polytechnic, Regina, SK

**Capstone Project** - IT-Client Matching Service

- Analyzed technical trends and team experience to architect a tech stack for the project, focusing on reducing technical debt to successfully meet project requirements.
- Developed the frontend of the project to provide the best possible user experience.
- Managed the project using Agile philosophies to eliminate uncertainty regarding the project's design, and to create a more productive work environment.

## **Technologies used:**

Vue                      .NET 6.0                      MySQL                      PostgreSQL                      AWS

**Grade 12** - Balfour Collegiate, Regina, SK

## Personal Projects

**XRN:** Tech blogging community, with a focus on content quality and accessibility (work in progress).

- Designed and tested a client facing application to provide an accessible environment for users.
- Orchestrated Test-Driven-Development(TDD) to ensure code quality and code standards.
- Outlined a microservice pattern to emphasize scalability and elasticity.
- Built a Debian Linux server leveraging NGiNX and virtualization to achieve performance and elasticity goals.

**Personal Website:** Personal blog and landing page for my domain [rawley.xyz](http://rawley.xyz).

- Built and tested an OpenBSD server using NGiNX to reliably host my website.
- Used Express with Pug to provide reliable server side rendering.
- Designed mockups and ER diagrams for concrete design and grounded development.

## **Experience**

**OTV Technologies** – Sales Representative (2019 – 2020)

Handled orders and tech related questions to uphold customer satisfaction.

**Al's Landscaping** – Landscaper (2017 – 2019)

Worked in a group of eight using a variety of machines and tools to complete large scale landscaping projects.

## **Achievements**

**Saskpolytech Applied Research Scholarship** (2020) – Designed an application that hinged machine learning to predict the depletion rate of consumable resources. We worked with WBM to apply the application to client printer ink usage.