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INTRODUCTION

I am a 29 year-old full-stack web developer living in Salmon Arm. At age 21 I entered the technology industry in Victoria, BC. I was employed as a web developer by four startups, worked as a subcontractor for a fifth company, and later maintained my own clientele. As a self-employed developer, I've completed many projects, the two most impressive being 1) a novel project management app and 2) a powerful crypto token price charting app.

OBJECTIVE

I am looking for full-time work as a full-stack web developer. I prefer working on-site.

SKILLS

- Journeyman Frontend Developer

    - React specialist with extensive experience using & extending component libraries like Material-UI
    - Lots of experience using website/app frameworks like Gatsby & NextJS
    - Can write effective custom servers with Express & Webpack, or Node's own APIs
    - Testing: Some, but less experience as in other aspects of frontend development

- Backend Developer

    - Have implemented or maintained many Node, Rails, and Elixir services
    - Understanding of REST API concepts, and experience with the JSONAPI spec; some GraphQL experience
    - Experience with resource access policies
    - Some experience with serverless functions, such as AWS Lambda functions for uploading images to S3

- CSS Practitioner

    - Correct & concise CSS
    - Very strong on making responsive layouts for websites & apps

- Linux user with command of POSIX sh & Bash, Git, Vim; Experience with all relevant package managers for fullstack development. My workstation runs the Xubuntu distribution and I use a Neovim distro as my IDE

- Webmaster: Cloudflare, AWS, Nginx, and SystemD are my preferred tools to deploy all of my products

- Experience with authentication techniques, JWTs, encoding & decoding Base64, binary data

- Proficient in Chrome DevTools and GIMP

- Strong command of the English language: Writing compelling, pleasant copy text

- Trained in Mathematics at TRU for four semesters (Fall 2013-Winter 2015), transferred to UVic to pursue Math & Computer Science for six semesters (Fall 2015-Winter 2019) before leaving UVic.

Work Experience

- **Self-Employed**

  Web Developer   *April 2020 – Present*

  For my own clientele, I have built a series of websites & apps from the ground up. For Calgary businessman Joe Connelly, I built Results Matter, a project management app which corresponded to his own leadership methods. I built the website of Victoria-based Rather Be Plumbing. I worked for a team of NFT marketers, creating two versions of an NFT marketplace, several pop-up NFT minting "dApps," and culminated my crypto work in an advanced crypto charting app. Lately, I have learned to write shaders, and I intend to enhance my websites with high-quality background videos generated from the frames output by my custom shaders.

- **Arch Platform Technologies**   archpt.io

  Intermediate Full-Stack Developer   *August 2019 – April 2020*

  Arch is a company which enables VFX workflows to be performed on standard laptops instead of through cumbersome & expensive workstations. They leverage a host of AWS services and pre-baked CentOS images into an offering which is very convenient for VFX companies: Arch provides by-the-minute rental of powerful, pre-configured workstations for use from any laptop via remote desktop software. At the company, I performed the following development duties: Usability & performance improvements for the alpha web app; design & implementation of the beta web app; implementation of serverless functions for monitoring & controlling EC2 instances; and implementing the company website.

- **Canary Print & Design**   canaryprint.ca

  Website Developer on contract   *May 2018 – May 2019*

  I helped build two of this web dev shop's projects: https://canswe.com and https://koers-eng.com. The projects were static sites built with a Ruby pipeline. The most valuable thing I learned was how our professional designer structured his Sass code. I was enamoured with the consistency and structure of the Sass code that was achieved with an explicit, thoughtful directory structure and the effective use of Sass functions & mixins. My duties at Canary were to write great code and copy text. The products were simple websites so there are no programming challenges to speak of.

- **Covault Technologies Inc.**   covaultapp.com

  Full-Stack Developer   *March 2018 – August 2019*

  Covault is an online advertising platform for powersports dealerships. Brands and dealerships could co-ordinate advertising ahead of sales events, with each party providing approval of online advertisements before their deployment. From the very start, I built the majority of the React app, which included using AWS' Javascript & Elixir SDK's to implement file uploading flows. I was interested in doing backend work as well, so I began to write major features in Elixir. Within 9 months, I was managing the entire production application myself. My duties included maintaining uptime in our production app, designing & communicating new features & their deployment schedules, and helping with hiring.

- **Reelgood**   reelgood.com

  Junior Frontend Developer   *March 2017 – March 2018*

  Reelgood catalogues the streaming availability of all movies and TV shows across hundreds of streaming platforms. It also enables you to track your favourite shows, so you can see what you've watched, and get informed when new seasons of your favourite shows are released. The beautiful Reelgood frontend was where I cut my teeth, so to speak. I learned about webpack, observables with RXJS, composing functions with RamdaJS, and how to use APIs & write API gateways. I spent a great amount of time on SEO for Reelgood: I learned about the importance of SSR and how to bootstrap your React components; I also learned about schema.org and how to label your webpage's content to assist Google and other search engines in displaying it.

- **Leanpub**   leanpub.com

  Junior Develop on Co-op   *April 2016 – December 2016*

  Leanpub is an online publishing company which gives authors the tools to write, publish, and sell books online. I worked on the Leanpub platform as well as some of their enterprise products. In particular I wrote React code for a project & team management platform which was backed by a NoSQL database, MongoDB. I also wrote a Ruby tool to help them with internationalization. Finally, I worked on Leanpub for Publishers, a section of their site for book publishers who have been onboarded to Leanpub.