

Bryce McLachlan

Full Stack Web Developer

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Skills

Languages

- Javascript
- Typescript
- Bash
- HTML
- CSS
- SQL (Postgres)
- GraphQL

Frameworks

- Express
- Next.js
- Tailwind CSS

libraries

- React
- Redux
- Axios
- Apollo Client
- jQuery

Environments

- Client Side(Web Browsers)
- Serverless(Firebase Functions)
- Containers(Docker & Kubernetes)
- Virtual Machines(Hyper-V & KVM)
- Bare Metal(Server & Desktop)

Storage

- SQL (PostgreSQL)
- Object Storage (S3)
- Ceph-Rook (Block)
- NAS (Samaba running on a on-prem Kubernetes cluster)

Tools

- NPM
- NPX
- Babel
- PostCSS
- Webpack
- Docker
- Kubect1
- Git
- Github Actions

Testing

- Mocha
- Chai
- Jest
- Cypress

Summary

I am an experienced building designer looking to make the career shift to web development. I am a quick learner and have great attention to detail which is critical in building design as well as web development.

Projects

[xkdc Viewer](#)

Created with Next.js, this progressive web app is statically deployed to a CDN via a CI/CD pipeline. A service worker enables offline access.

Made with: React, Next.js, Tailwindcss, Github Actions and Typescript

May 2021
[Live Demo](#)

[The resume you are looking at](#)

Created with React-PDF, this resume shows how print media can be automated using web technology.

Made with: React, React-PDF, Babel, Font Awesome, Javascript and Git

May 2021
[Updated PDF](#)

[Pattr.Chat](#)

Created with React, this project uses GraphQL subscriptions to update multiple clients in realtime. The architecture allows for horizontal scaling & is deployed in a Kubernetes cluster with a load balancer, ingress & https certificates. Created with two other contributors we used extensive pull requests & code reviews.

Made with: React, Apollo, GraphQL, WebSocket, Material-UI, Firebase Authentication, Kubernetes, Javascript and Git

March 2021
[Live Demo](#)

Education

Web Development Diploma

Lighthouse Labs

2021 - 2021

Architectural Drafting Certificate

University of the Fraser Valley

2015 - 2016

Developed skills to design buildings, write technical documents, draw building plans & navigate the legal frameworks regulating the building industry.

Computer Information Systems Studies

University of the Fraser Valley

2014 - 2015

Developed foundational skills to integrate information technologies into a business.

Experience

Building Designer

JCR Design & Drafting

2016 - 2020

In my position as as a building designer I automated the repetitive parts of my job & took on some system admin duties. During COVID my team had to transition from the office to WFH. During this transition I setup the IT infrastructure & documentation to make this a reality.

Preparation & 1st Cook

The Keg Steakhouse & Bar

2010 - 2016

Hired on as a Dishwasher, I worked my way up into a leadership position where I enjoyed being a mentor for our new generation of staff.