

# Bryce McLachlan

Full Stack Web Developer

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## Skills

### Languages

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

### Storage

- SQL (PostgreSQL)
- Object Storage (S3)
- Ceph-Rook (Block)
- NAS (Samaba running on a on-prem Kubernetes cluster)
- Nextcloud (docker-compose on a dedicated cloud server)

### Automation

- Rsync
- Bash
- rsnapshot

### Runtimes

- Node
- Browsers

### Tools

- NPM
- NPX
- Babel
- PostCSS
- Webpack
- Docker
- Docker-Compose
- Kubectl
- Kubeadm
- Skaffold
- Git

### Frameworks

- Express
- Tailwind CSS

### libraries

- React
- Axios
- Apollo Client
- jQuery

### Test Tools

- Mocha
- Chai
- Jest
- Cypress

## Summary

I am an experienced building designer looking to make the career shift to web development. During the last 6 months I have focused on developing my skills to become a web developer.

## Projects

### Patrr.Chat

March 2021  
[Live Demo](#)

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

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

### This resume you are looking at

March 2021  
[Updated PDF](#)

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*

### Scheduler

March 2021

Created with React, this project demonstrates a modern web technology stack.

*Made with: React, ReactDOM, PostgreSQL, Express, Rest, Create React App, Babel, Axios, Storybook, Jest, Cypress, Javascript and Git*

## Education

### Web Development Diploma

2021 - 2021

*Lighthouse Labs*

Learned practical skills to use web technologies to build modern websites, apps, and tools.

### Architectural Drafting Certificate

2015 - 2016

*University of the Fraser Valley*

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

### Computer Information Systems Studies

2014 - 2015

*University of the Fraser Valley*

Developed foundational skills to integrate information technologies into a business.

## Experience

### Building Designer

2016 - 2020

*JCR Design and Drafting*

In my position as a building designer I automated the repetitive parts of my job and 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 and documentation to make this a reality.

### Preparation and 1st Cook

2010 - 2016

*The Keg Steakhouse and Bar*

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.