

# Kelly Waters

Vancouver, BC | ph. 604-839-5325 | kellywaters@gmail.com

## Profile

Experienced Staff Engineer with a passion for frontend technologies and remote work environments. Skilled in leading technical initiatives, mentoring junior developers, and driving frontend architecture decisions. Expertise in Angular, React, and modern JavaScript frameworks, with a strong focus on creating scalable, performant web applications.

## Technical Skills

### FRONTEND EXPERTISE

Angular (Nrwl, Ngrx) | React (Redux) | JavaScript/TypeScript | HTML5/CSS3

UI/UX Design | Frontend Performance Optimization | Frontend Architecture and Design Patterns

### ADDITIONAL TECHNICAL SKILLS

Python, Ruby, Rails, Golang | Node.js, AWS | CI/CD (Circle CI, Fastlane)

### TOOLS & PLATFORMS

Git, JIRA, Agile methodologies | App Center, Browserstack | Sketch, Figma, Adobe Creative Suite

## Remote Work Experience

Since May 2020, I have been working remotely as a Staff Engineer at Penny AI, demonstrating strong adaptability and productivity in a distributed work environment. While working remotely, I have successfully led frontend initiatives, managed cross-functional collaborations, and mentored fellow developers.. My experience includes effectively utilizing digital collaboration tools (JIRA, Figma), effectively communicating with different departments, and fostering a positive remote work culture. I have consistently delivered high-quality results, met project deadlines, and contributed to team cohesion despite physical distances, showcasing my ability to thrive in remote settings.

## Work Experience

### STAFF ENGINEER | PENNY AI | MAY 2020 - PRESENT

At Penny AI, I've led transformative frontend initiatives and streamlined development processes, significantly enhancing team productivity and product quality:

- Spearheaded the migration to a monorepo architecture using Nrwl/Nx, enabling seamless creation of web and mobile apps with shared custom libraries, resulting in a ~30% reduction in code duplication and accelerated feature development.
- Led the successful transition of Ionic apps from Cordova to Capacitor, ensuring continued delivery of high-quality mobile applications and future-proofing our tech stack.
- Implemented robust frontend development practices, including global code formatting with Prettier and TSLint integration, improving code consistency and reducing bug occurrence..
- Architected and managed comprehensive CI/CD pipelines using Circle CI and Fastlane, reducing deployment time and enabling rapid, reliable releases across platforms.
- Collaborated with QA to optimize testing processes, integrating App Center and Browserstack for automated and manual testing, resulting in an estimated 50% increase in test coverage and faster bug detection.
- Designed and implemented a company-wide localization strategy, expanding Penny AI's global reach and increasing international user adoption.
- Fostered cross-functional collaboration, working closely with senior and staff engineers to scope and deliver complex features, consistently meeting project deadlines and exceeding stakeholder expectations.

#### **SOFTWARE DEVELOPER | ICLINIC SYSTEMS INC. | AUGUST 2018 - MAY 2020**

At iClinic Systems, I played a pivotal role in developing and enhancing the company's Electronic Medical Record (EMR) systems:

- Architected and implemented scalable frontend solutions using Angular 7/8 with NgRx and Nrwl, resulting in a modular, maintainable codebase that reduced development time for new features.
- Spearheaded the adoption of Git for version control and NgRx for state management, significantly improving code quality and team collaboration efficiency.
- Mentored junior developers through code reviews and pair programming sessions, fostering a culture of continuous learning and elevating the team's overall technical proficiency.
- Collaborated closely with UX/UI designers to deliver pixel-perfect, responsive user interfaces, enhancing user satisfaction and reducing design-to-development iterations.
- Established strong cross-functional partnerships with backend developers and product managers, optimizing API designs for frontend consumption and accelerating feature development cycles.

#### **SOFTWARE Developer | XERAFLOP TECHNOLOGIES | AUGUST 2017 - AUGUST 2018**

- Developed consumer-facing applications for the legal cannabis industry, primarily using AngularJS and React with Redux for frontend development. Contributed to backend work with Ruby on Rails, assisting in API development and testing.

#### **WEB DEVELOPER | STORYDRIVEN INC. | MAY 2017 – AUGUST 2017**

- Implementing Codeship for deployments, and creating documentation to guide future web development projects.
- Create responsive emails for clients and update client websites.

#### **FRONTEND DEVELOPER | BroadbandTv | January 2016 – APRIL 2017**

- Developed the Catalyst for Chrome Extension to optimize YouTube videos for partners.
- Assisted in adopting modern development stacks using Docker, enhancing development efficiency and scalability.

#### **WEB DEVELOPMENT SPECIALIST | CONVERTUS DIGITAL | SEPTEMBER 2014 – december 2015**

- Assisted with UX/UI design for automotive websites and developed custom WordPress plugins, enhancing functionality and user experience. Implemented robust deployment and version control strategies, improving team efficiency and code quality.

### **Education and Certifications**

#### **BACHELOR OF SCIENCE | April 2011 | SIMON FRASER UNIVERSITY**

- Major: *Interactive Arts and Technology*. Specialization: *Design and Media Arts*
- Related coursework: Extensive knowledge gained of the human-centered design process, including the application of user studies (ethnography, cultural probes, surveys, etc.), prototyping (physical and digital), brainstorming of ideas, UX / UI design, communication design and information modeling.

#### **CERTIFICATE | 2014 | CODECORE WEB DEVELOPMENT BOOTCAMP**

- Major: Web Development in Ruby on Rails and JavaScript
- Related coursework: Studied Ruby on Rails and JavaScript in an intense boot camp environment.