

Chris Kinzel

Personal info

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<https://chriskinzel.com>

Work experience

2018 - Present

Software Engineering Consultant

Pixineers Inc & Essential Clinic

Essential Clinic is an online telemedicine clinic specializing in men's hairloss based in Calgary AB

- Developed applications and command line tools to support and automate clinician and administrative workflows including prescription software, clinician routing, and patient data management
- Implemented best industry practices for securely handling patient data and ensuring HIPAA compliance
- Responsible for helping kickstart fast business growth, increasing Essential Clinic MRR by 33.9% in the past 12 months

2018-2019 (8 Months)

Software Engineering Consultant

Earthis Ltd.

Earthis Ltd. is a company specializing in microgreen production via sustainable aquaponic vertical farming based in Okotoks, AB

- Designed and developed hardware and software for an automated greenhouse remote monitoring system for micro green vertical farming
- Software included iOS/Android hybrid app for reviewing greenhouse sensor data and status in real time as well as software for sensors and microcontrollers
- Automated 100% of previous manual environmental data collection and tracking
- Improved greenhouse reliability by over 90% and decreased emergency response speed by 3x

2017 - 2018 (1 year)

Fullstack Developer

Pixineers Inc

Pixineers is a healthcare software company that develops software for medical professionals based in Calgary, AB

- Developed top online plastic surgery simulation tool for rhinoplasty, bariatric surgery and other cosmetic procedures, increased site traffic by 10x compared to previous tool
- Worked with leading surgeons, doctors, and developers to develop CORA, PHORA clinical decision software for end-stage heart failure and pulmonary hypertension
- Worked with expert ophthalmologists and developers to develop ophthalmic software to manage patients with dry eye disease

- Developed test plans and technical documentation
- Supported project managers in determining milestones, project scope, and effort estimation
- Work with customers to resolve bugs in a timely manner

Summer 2016 (4 Months)

iOS Developer

LED World Inc

LED World Inc is a power supply and LED lighting distributor, based in Calgary, AB specializing in commercial LED lighting.

- Designed and developed an iOS app for commercial customers to control DMX LED lighting controllers over WiFi
- Serviced support, feedback, and bug fixes for over 3000 customers

Education

MMath. David Cheriton School of Computer Science University of Waterloo

2020 - Present

BSc. Computer Science University of Calgary

2014 - 2020

Skills

Angular (Expert)

HTML/CSS (Expert)

Objective C (Proficient)

AWS (Familiar)

WebGL (Proficient)

Java (Proficient)

Scully (Proficient)

Spark (Familiar)

Ionic (Familiar)

Typescript/JavaScript (NodeJS and Browser)
(Expert)

C (Expert)

Swift (Familiar)

SQL (Proficient)

Figma (Proficient)

Python (Proficient)

Bash (Expert)

C++ (Familiar)

Ruby on Rails (Proficient)