

Patrick Abel

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EDUCATION

Mount Royal University

Bachelor of Science in Computer Science, Minor in Graphic Design

Calgary, AB

Sept. 2020 – Present

EXPERIENCE

Front End Developer

Jan. 2021 - Present

Kettle River Contracting

Calgary, AB

- Led the development of CRM features such as entry automation to reduce man hours by over 13 %
- Managed legacy code while modernizing tech-stack and modern design principles
- Closely monitored crash and error logs to improve crash-free sessions by 6.3%

Software Engineer

Nov. 2021 – Present

Intuition Pay

Calgary, AB

- Accessed UX and UI designs for Technical feasibility
- Implemented enhancements that improved web functionality and responsiveness

PROJECTS

Moment | *React Native, Postgres, Node.js, Git*

June 2020

- A social network app that lets users share a photo once a day with their friends upon receiving a notification
- Designed a complex database model and API to handle users, posts, friendships and notifications and requests to give users modern features in a social media app
- Designed an automation algorithm to send notifications at a random time using cron tasks to let users share their moments at different times each day

Pace | *Swift UI, Postgres, OpenWeather, Nodejs*

June 2020

- A running app to map out your runs and track your time, distance and average pace
- Improved server response time by over 3000ms by performing core metric calculations on the device before uploading them and storing them in the database
- Set up a robust error handling system to manage upload errors, bad and unauthenticated requests.

GymBros | *Swift UI, Postgres, OpenWeather, Nodejs*

June 2020

- Developed a fitness website using React
- Displayed cards with pictures and text and let users choose a workout target
- Browse more than one thousand exercises with practical examples from the ExerciseDB API

NFTMarketPlace | *React, React Native*

May 2020

- Developed a full-stack web application using to develop a landing page for the NFTMarketPlace app
- Used React Native to create a smooth and responsive user interface

TherapyBot | *Java*

May 2017

- Developed a therapy chatbot using Java
- Detected words from the user input and generated responses
- Detected Hard words that warned users of the bots capabilities and prompted them to reach out to professionals

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML5/CSS, Elixir, Swift

Frameworks: React, React Native, Node.js, Tailwind

Developer Tools: Git, VS Code, Visual Studio, Eclipse, Dr.Java, Phoenix, Xcode, Figma