# Patrick Abel

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## EDUCATION

**Mount Royal University**                                             Calgary, AB
*Bachelor of Science in Computer Science, Minor in Graphic Design*     *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** | *React, ExerciseDB API*                                 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