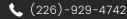
# **NIKI PATHAK**

#### FRONT END ENGINEER



niki.pathak18@gmail.com

https://nikpath.github.io/

## **ABOUT**

Looking for full time opportunities starting post graduation in 2023.

I am a front-end engineer with a passion for building intuitive, sleek and accessible UIs. I've had five great internships and want to continue delivering impactful user experiences.

### **SKILLS**

- React.is
- JavaScript (TypeScript)
- HTML + CSS
- Figma
- Python
- C++
- PHP
- React Native

#### **EDUCATION**

**BACHELOR OF MECHATRONICS ENGINEERING** 

University of Waterloo, Canada Graduating 2023, Honours Co-op

## **Capstone Project**

Short-term stress recognition and relief devices: Grounded website

Developed two sock-like wearables that recognize elevated stress levels and provide methods for relieving stress. Developed the mobile app in React Native. Programmed the device functionality in C++.

#### WORK EXPERIENCE

May - Aug 2022 Design Engineer @ Twitter, Inc

Toronto, ON

- Developed a tool that scans Figma design files for tweet components and auto-fill them with mock data making it easier for designers to produce high fidelity mock-ups.
- Designed a simple UI so that designers can configure settings for the
- Using feedback from the designers, expanded the tool by including a variety of tweet types and added logic to generate realistic like, reply and retweet numbers
- Planned further expansion for other components like profiles or autofilling images

Sept - Dec 2021

#### Software Developer @ Achievers, Inc

Toronto, ON

- Developed accessible components for an in-house React component library used in all client sites going forward.
- Fixed accessibility issues on the production site such as screen-reader usage, labelling, keyboard navigation, and live regions.
- · Performed an accessibility audit on the mobile site and fixed issues with contrast visibility, labelling and sizing.

Jan - Apr 2021

#### Web Developer @ Course Studio

Vancouver, BC

- Designed and implemented UI integrations between WordPress and Thinkific LMS API. Developed backend functionality for making API calls and storing the data in a WordPress plugin (PHP).
- Created reusable React components used for developing the client
- Completed feature requests and bug fixes for UIs on existing sites.

#### Sept - Dec 2019 Web Developer @ University of Waterloo Waterloo, ON

- · Created a React app for office staff to set availability times and add custom notes. Designed the Postgres database and UI for the app. Planned department-wide rollout of the app, demoed to other departments as well.
- Developed a React-Flask web app for managing the internal inventory system. Redesigned the UI to be more intuitive, accessible and responsive resulting in easier and efficient data entry,

Jan - Apr 2019

#### Web Developer @ Environment Canada North York, ON

- Developed a web tool for uploading CSV files. Created a simple UI and implemented backend functionality for uploading data to a Postgres database (AJAX, JS, PHP).
- Implemented dynamic menus and view options to improve UX for a data visualization tool.
- Assisted with running bash scripts for transferring files in preparation for a department-wide update.