NIKI PATHAK

FRONT END ENGINEER

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ABOUT ME

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.

LANGUAGES

- JavaScript
- HTML + CSS
- PHP
- C++

TECHNOLOGIES

- React.js
- Git
- PostgreSQL
- Figma Plugins

EDUCATION

BACHELOR OF MECHATRONICS ENGINEERING
University of Waterloo, Canada
Graduating 2023, Honours Co-op

WORK EXPERIENCE

May - Aug 2022

Design Engineer @ Twitter, Inc
Toronto, ON

- Developed a Figma plugin to scan a design file for tweet components and auto-fill them with mock data to help designers quickly produce authentic-looking mock-ups.
- Made the plugin configurable so that designers can select which instances to auto-fill.
- Expanded the plugin 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 auto-filling 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 sites.
- 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.