

Shahd Khartabil

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Skills

Java (OOP), HTML/CSS, **JavaScript**, **Typescript**, PHP, Python, Flask, SQL, NextJS, **ReactJS**, **React Native**

Tools: **Git**, Github, Figma, Jira, Confluence, Visual Studio Code

Work Experience

Software Developer, *Eureka Technologies*

Apr 2023 - current

Mobile Application Development (ongoing)

- Developed a **React Native** mobile application to connect to bluetooth speakers using ble-plx library, and custom code to implement wi-fi connection and pairing
- Built signup, login, and home screens, MP3 playlist functionality using **REST API** to fetch mp3 files, and a secure authentication system with **Firebase firestore database** and **SQL** queries.
- Completed **140+ git commits** within first 4 months of project, developing features ahead of scheduled sprint deadline and resolving bugs **resulting in expedited application development process**

Donation Kiosk

- Designed and developed a **self-service donation kiosk with** several pages leveraging **NextJS page routing**, allowing users to enter donation amounts, confirm payments, send Stripe payment intent to terminal, and process card transactions via **Stripe Terminal API**
- Leveraged NextJS API routes running on Node.js backend to append and display donation on a progress bar, allowing users to easily track real-time donation progress.
- Configured and implemented a **thermal printer** to generate instant **receipts** for donors.

Leadership and Team Experience

Development Director, *Dalhousie University*

Jan 2023 - Apr 2023

Senior Project Course

- Lead a team of **5 developers** using **Agile methodology** and **Jira software**, leading daily **scrum** stand-up meetings, bi-weekly sprint review sessions, and was the main point of contact with client to gather requirements and feedback.
- Drove technical strategy and execution for new admin-side website features such as secure admin file upload and refactored **PHP** and **Javascript** code for a non-profit organization (Chebucto Community Net Society)

Certificates

Stanford Online

- Supervised Machine Learning: Python Data Science (Pandas, Numpy)
- Advanced Learning Algorithms: Python Data Science (Pandas, Numpy, TensorFlow)

Education

Bachelor of Applied Computer Science, *Dalhousie University*

Sept 2019 - Apr 2023

4.04 cGPA Sexton Distinction