

Siddhardh Palaparathi

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SKILLS

Languages: JavaScript, Java, C/C++, TypeScript, Python, CSS/SCSS, Bash, R, Racket, HTML, SQL, XML

Tools & Frameworks: React/React Native, Git, Node, MongoDB, Express, Heroku, Postgres, Sequelize, Photoshop

EXPERIENCE

Tjene Corporation

Front-end Developer

Toronto, ON

May 2022 - Aug 2022

- Worked on the Kurve team to create **workplace management software** for clients such as IBM and Moderna.
- Completed the majority of the Kurve Layouts application alone, a front-end **React** app that takes Kurve data and allows the user to manipulate it by creating customizable dashboards, with adjustable colors, borders, width, etc.
- Implemented reusable table components and draggable graph widgets for more robust **data visualization**
- Used custom **CSS** classes to override default **Material UI** components and match designs more accurately

Heka Health/Santé

Full Stack Developer

Montréal, QC

Sept 2021 - Dec 2021

- Implemented the platform's entire **front-end** as per new **Figma** designs following the company's rebranding
- Leveraged **Google Geocoding and Maps APIs** to display physio addresses on maps by extracting their coordinates
- Created a **video conferencing** feature between clients and physios with **Jitsi Meet, SQL** and **Sequelize**
- Created a responsive **chat interface** for users to get help with their physical pain, and created an **API** to handle automatic bot responses to various user messages

PROJECTS

Lister (See Site)

- Created an app using the **MERN** stack where users can sign-up and organize their daily tasks with to-do lists.
- Front-end was done with **React**, and includes a toggle between light and dark **themes**, **responsiveness** to varying screen sizes, and data manipulation via a **table** component.
- Back-end was done with **Node.js** and **Express.js**, and renders the **static front-end** files on the server side. User data is stored in a **MongoDB** database, and authentication was done using **Auth0**.

Fortunext (See Repo)

- Created a suite of **financial education** tools to make knowledge about personal finance accessible and interesting.
- Includes a **Java** GUI App that uses gamification techniques (such as flash cards) to teach students about financial literacy terms, and a **Chrome extension** made with **JavaScript** that defines finance terms in a webpage that are double-clicked by the user.
- **1st Place** at Wealthsimple's Alpha Hacks II Hackathon

Spacestagram (See Site)

- Created a site using **React** that shares photos from NASA's Astronomy Picture of the Day **API**.
- **API** data is fetched according to the search date from the user, and organized into posts similarly to **Instagram**.
- **Responsive** with light/dark **themes**.

EDUCATION

University of Waterloo

Honours Bachelors of Computer Science (Co-op)

Waterloo, ON

2020-2025 (Expected)

ACHIEVEMENTS

- **AlphaHacks First Place Award** - Financial literacy app that teaches users about Fintech and personal finance
- **DECA Ontario Provincial Finalist** - Team exam and case study competition (qualified for ICDC)
- **FBLA Canada 3rd Place** - Nation-wide collaborative marketing case study competition
- **STEM Fellowship Scholarly Writing Challenge Winner** - Top submission in the physical sciences category