

Siddhardh Palaparthi

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SKILLS

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

Tools & Frameworks: React/React Native, Jira, Git, Node, npm, Photoshop, Postgres, pgAdmin, Sequelize

EXPERIENCE

Heka Health/Santé

Montréal, QC

Full Stack Developer

Sept 2021 - Dec 2021

- Implemented the platform's entire **front-end** as per new **Figma** designs following the company's rebranding
- Leveraged the **Google Geocoding API** to get the coordinates of physio locations via their addresses and displayed the locations on maps using **Google Maps API**
- Created a **video conferencing** feature between clients and physios with **Jitsi Meet**, **SQL** and **Sequelize**, and implemented an **API route** to handle the redirection of users to their scheduled video meetings
- 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
- Worked in a fast-paced **SCRUM/Agile** environment

Youth Book Drive Collective

Toronto, ON

Co-Founder and Front-end Developer

Aug 2019 - March 2021

- Created a non-profit youth organization dedicated to improving literacy for under-served children
- Spearheaded the front-end development of our website using **React**, **JavaScript**, and **Chakra.ui** that displays news, updates and goals of our website, along with a form for users to sign up as a volunteer or request curbside pickups
- Worked with a team of UI/UX designers to produce **Figma** wireframes for a cleaner theme and layout
- Managed a team of executives and volunteers to coordinate our social media campaign and our weekly book collections in local neighborhoods, received and donated over **800** books to date

PROJECTS

Personal Website - [siddhardhpalaparthi.com](#) (See Repo)

- Created a personal website using **React**, **JavaScript**, and libraries such as **Chakra.ui** and **framer-motion**.
- Designed as a single-page continuous scroll web app that includes animations and interactive components such as image galleries, information cards, and draggable icons. You can also toggle between light and dark **themes**.
- Implemented **responsive** compatibility for devices of varying screen sizes.

Connect 4 Game (See Repo)

- Created a version of Connect 4 using Java, where pieces don't drop down, but stay where you click on the board.
- Leverages **Javax Swing** and **Sound** libraries to create a multi-screen UI, including a home screen, instructions screen, settings menu, and the game itself.
- Developed a win-check algorithm to determine if a "Connect 4" has been made.
- Currently working on re-implementing the game as an **Android** Application with **Kotlin**.

Python Pause-Play Script (See Repo)

- Inspired by my need to pause and play my music while studying without leaving my current screen.
- **Python** script that uses the **Spotify API** to access my music, and pause/play it when the mapped key is pressed.

EDUCATION

University of Waterloo

Waterloo, ON

Honours Bachelors of Computer Science (Co-op)

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