

# ABHAY MENON

## Full-stack Web Developer

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🐙 github.com/abhqy

## EXPERIENCE

### Product Developer Assistant

#### Cloudspark Technology Labs

📅 Sep 2021 – Dec 2021

- Worked on responsive designs for application dashboards using Material UI and TypeScript
- Implemented API integration using TypeScript, Flux architecture, and Cloudspark's APIs
- Developed QA test plans using Azure DevOps
- Maintained the React documentation website for Cloudspark's applications
- Created stored procedures in CosmosDB that automated deletion of data projections

## PROJECTS

### SyncSketch

📅 December 2021 (Ongoing)

🐙 abhqy/WhiteboardApp

- A web application that allows multiple users to share a whiteboard online
- Used WebSocket connections to pass information about every user's mouse positions
- Implemented rooms and canvas saving features using MongoDB

React

TypeScript

Socket.IO

Express

### Heyo!

📅 June 2021

🐙 abhqy/twitter-clone

- A full-stack web application that allows users to post their thoughts
- Used Firebase authentication for login and account registration
- Stored posts and comments as JSON data in the Firebase realtime database
- Enabled users to post pictures, stored as Blobs in Cloud Firestore
- Built front-end using Material UI

React

JavaScript

Firebase

Material UI

### Course Buddy

📅 June 2021

🐙 brandngo/course-buddy

- A full-stack course planner web application for computer science students at the University of Waterloo
- Used Firebase for authentication and storing selected courses

React

JavaScript

Firebase

Material UI

Styled Components

## SKILLS

### Languages

HTML

CSS

JavaScript

TypeScript

C

C++

C#

Racket

Bash

SQL

### Frameworks

React

NodeJS

Socket.IO

Express

Redux

Mongoose

Material UI

Axios

GatsbyJS

### Tools and workflow

Postman

Flux Architecture

Git

MongoDB

Firebase

REST

VSCode

Office 365

Azure DevOps

Unity3D

Adaptive Cards

Linux

MVC

SCRUM

## EDUCATION

### University of Waterloo

#### Candidate for Honours Bachelor of Computer Science

📅 September 2020 – Present

#### Relevant Coursework:

- CS 246 (Object-Oriented Software Development)
- MATH 239 (Introduction to Combinatorics)