ABHAY MENON

Full-stack Web Developer

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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 Gatsby 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`

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)