Hasin Mahmood

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SKILLS

Languages: JavaScript, HTML/CSS, Python, C, C++
Frameworks & Libraries: Node.js, React, Express, TailwindCSS, ChartJS
Tools: Git, Figma, Supabase

PROJECTS

IOT Dashboard

- Worked as part of a team to develop an IOT dashboard where sensor readings from an Arduino are displayed on a React site
- Wrote an Express API to POST/GET sensor readings from an Arduino and implemented real time to eliminate redundant GET requests to the sever
- Utilized ChartJS library to enable users to visualise trends in readings from the Arduino over the previous 24 hours
- Deployed via vercel

Weather App

- Lead a team of 4 to build a weather application. The site allowed users to see forecasted weather in their location and also search for other locations.
- Built a React app and styled it according to the wire frame provided by a UI designer
- Used GitHub collaboratively to merge and pull changes made to the code base

Mock Admin Dashboard

- Built a responsive mock admin dashboard designed with the principle of mobile-first in mind
- Styled with TailwindCSS significantly reducing CSS

EDUCATION

University of Surrey, Guildford, UK   Sep 2020 - Jul 2023
Computer and Internet Engineering BSc

- **Relevant Courses:** Computational Intelligence, Engineering and Professional Studies, Advanced Challenges in Web Technologies, C++ and Object Oriented Design, Computer Algorithms and Architecture, Web Applications and Development

Woking College, Woking, UK   Sep 2018 - Aug 2020

- **A Levels:** A* in Mathematics, A in Chemistry, B in Physics

Woking High School, Woking, UK   Sep 2013 - Aug 2018

- **GCSEs:** Grade 9 - 6 in 10 subjects including Mathematics and English