Aayush Sood

Aspiring Intern & Fullstack Developer

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Projects

Bay View High School Mobile App July 2024 - September 2024

- Built a React Native app to give BVHS students quick access to school information.
- Designed it as an info hub, featuring announcements, events, and updates.
- Created a smooth, responsive UI for easy navigation and real-time updates.

Ben Eater's 6502 Project April 2024 - July 2024

- A collection of projects surrounding the 6502 CPU, inspired by Ben Eater.
- Utilized assembly language to develop low-level programs and debug hardware interactions.
- Designed and tested various circuits and peripherals to enhance the CPU's functionality.

LeetCode December 2022 - March 2025

- GitHub repository of over 50+ LeetCode challenges completed using JavaScript, Python, and C++.
- Solved complex algorithmic problems, enhancing problem-solving and critical thinking skills.

CoinDeno Mobile July 2022 - September 2022

- Created the React Native mobile enabled version of the CoinDeno Web, enabled for both iOS and Android and hosted on the Android Play Store.
- Leveraged the React Native framework for a consistent cross-platform experience.
- Conducted thorough testing across multiple devices to ensure performance, usability, and security.

CoinDeno Web August 2021 - July 2022

- Created a React website that allows tracking and portfolio management of various Cryptocurrencies.
- Utilized React, Firebase, and Redux for application development, with CoinGecko REST APIs for cryptocurrency data integration.
- Deployed the application using continuous integration and continuous deployment (CI/CD) practices, ensuring reliability and fast iteration.

Frontend Mentor Challenges November 2020 - January 2024

- GitHub repository of over 50+ Frontend Mentor challenges completed using modern web stack technologies.
- Explored advanced CSS and JavaScript features to create interactive and dynamic user interfaces.

Technical Skills

Programming Languages
HTML, CSS, SCSS, JavaScript, Python, SQL, C++

Libraries & Frameworks
React, React Native, Bootstrap, Tailwind CSS, Node.js

Tools & Platforms
Firebase, Cloudflare, Netlify, Git, GitHub, iOS, Android, Yarn, NPM

Education

Bay View High School
Upper Tantallon, NS
2023 - Present

Ridgecliff Middle School
Beechville, NS
2019 - 2023

Accomplishments

Completed Harvard's **CS50**: Introduction to Computer Science

Invited to and participated in an exclusive **math camp** hosted by **Dalhousie University**

Recipient of the **Innovative Mind Award**

Recipient of the **Mathematics Achievement Award**

Made Honour Rolls in junior division of **University of Waterloo's Canadian Computing Competition**

Achieved **first place** in a **regional Improv competition**

Earned **medals in Jiu Jitsu tournaments**