Siddharth Duggal

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Skills

- HTML | CSS | React.js | Next.js | Chakra UI | Tailwind UI | Java | JavaScript | Discord.js | Express | GitHub | English | Hindi

Experience

Founder   **Tech Optimum**   **01/2022 - Current**

- Leading over 50 committed volunteers to help achieve our mission.
- Developed a code base of over 20,000 lines of Next.js code for our learning platform.
- Secured over $40,000+ from sponsors for our annual coding competition, Tech Optimum Hacks.
- Spearheaded the development of our website using Next.js and Chakra UI to increase website speeds significantly & improve user interface.
- Created infrastructure to handle Google Forms API interaction with Discord API to create webhooks sent in real-time.
- Utilized social media to reach thousands of high school and college students interested in computer science.

Web Developer   **School Simplified**   **04/2022 - 02/2023**

- Aided in the development of the School Simplified main website using Next.js & Chakra UI.
- Worked with a team of 10 web developers to implement new tasks given by other departments.

Co-founder   **Aprim**   **12/2020 - 08/2021**

- Collaborated with the other co-founder to create a web & game hosting platform.
- Aided in setting up the Pterodactyl hosting panel to allow for a good experience for users when trying to access our hosting panel.
- Utilized Javascript, PHP, HTML, CSS, and Java to create websites, minecraft servers, and Discord bots for over 80 clients.
- Set up a support website for users to open tickets for hosting-related issues.
- Created a community of 300 members through Discord.

Projects

- **Resumate:** Web-based application using Javascript, Html2Canvas, and the Marked package to create a markdown-based resume builder. Resumate also features resume feedback that allows users to receive instant feedback on their resume.
- **A Small Universe:** Web-based application using 300 lines of JavaScript to create particles that move in the form of a "Universe", with comets and stars.
- **Aeolus:** Web-based application built using React. A user can input a location and weather data is fetched and displayed to the user; Suggestions of what to do are given using the PlanetOS API.
- **Carbonara:** Web-based carbon footprint calculator geared towards travelers built in React. Carbonara suggests how many trees to plant based on pollution levels you produce from a vacation.
- **Skyline:** Web-based application built using Flask, and HTML/CSS. Created a sample dataset so users can go to the page on the website and find what clothes they should wear according to the weather in their area.

Awards

- **Idaho Business Professionals of America National Qualifier:** Qualified & competed in Website Development Team at the national level. **(04/2023)**
- **National Federation of Music Clubs Awards:** Superior ranking (5/5) every year consecutively for 7 years.
- **Hackathon Awards:**
  - **1st Place** at Hack'n Jill (https://devpost.com/software/career4all).
  - **2nd Place** at Bayview Hacks (https://devpost.com/software/skyline-a9084w).
  - **3rd Place** and Best Sustainability Hack at Backyard Hacks III (https://devpost.com/software/carbonara-8491qs).
  - **1st Place**, Environmental at Unlock Hacks (https://devpost.com/software/aeolus).
- **President's Volunteer Service Gold Award:** Volunteered 250+ hours through various non-profits, including Tech Optimum. **(10/2022)**
- **Idaho Aerospace Scholar:** Awarded for showing outstanding achievement in the STEM industry, specifically Aerospace. Presented the opportunity to take a 6 month long course aided to high achieving STEM students to learn more about aerospace. **(11/2022)**

Interests

- Artificial Intelligence | Web Development | Education Equality | Hackathons | Music