Hargun Sibal

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TECHNICAL SKILLS

Languages: TypeScript/JavaScript, C++, PHP, Python, SQL, HTML/CSS/SCSS, SQL, Turing
Frameworks: ReactJS, NextJS, VueJS, NodeJS, ExpressJS, Docker, AWS, Ruby on Rails, Cypress, TinaCMS, TailwindCSS, Bootstrap, WordPress, LaunchDarkly, Firebase
Tools/Libraries: Jest, PHPUnit, MySQL, Jira, AXE DevTools, Git, Scikit-Image, OpenCV, ThreeJS, Figma

EXPERIENCE

Vidyard - *Software Developer Intern*   **May 2022 - Aug 2023**
- Refactored the legacy codebase during the ongoing migration of the Vidyard marketing website, leveraging a new tech stack (**React**, **TypeScript**, **NextJS**, **TailwindCSS/SCSS**)
- Developed and maintained 20+ **TinaCMS** integrated components while authoring an equivalent number of Jest unit tests, ensuring codebase robustness and dependable functionality
- Spearheaded integration connecting the **AWS S3 Bucket** via the CMS Media Store to manage asset security

Vidyard - *Software Developer Intern*   **Sept 2022 - Dec 2022**
- Developed enhancements for the Vidyard platform, serving 12M+ users, using **PHP**, **WordPress**, **JavaScript**, **HTML/SCSS**, **Ruby on Rails**, and **VueJS**; ensured robust reliability with **Jest** and **PHPUnit** tests
- Performed E2E testing using **Cypress** and **Datadog**, boosting code coverage by 29% across functional and non-functional scenarios
- Led the integration of **A/B testing** on the sharing page and achieved a 12% increase in conversion rates for free users using **LaunchDarkly**

Deloitte - *Software Developer Intern*   **Jan 2022 - Apr 2022**
- Developed new frontend functionality for Ontario's COVID-19 Worker's Income Protection Benefit portal using **React**, and concurrently contributed to the backend using **NodeJS** and **AWS Lambda** functions
- Ensured reliability through 20+ **Jest** unit tests, resolving bugs and fine-tuning performance, while leading 100% of the accessibility enhancements following **WCAG 2.0** guidelines

Hatch - *Software Developer Intern*   **June 2021 - Aug 2021**
- Developed a vision system in a coil box circulatory plant using **Python**, **OpenCV**, and **Scikit-Image** libraries to identify poor shapes and improve accuracy by 100%
- Implemented Python filters such as RANSAC and convex hull mapping for a 90% boost in image edge detection and obstruction removal

PROJECTS & COMMUNITY

Hack the North Sponsorship Coordinator - 2023
- Independently secured over $110K in funding for Canada's largest hackathon bringing 1000+ top participants across 16 countries while establishing new sponsorships with leading tech organizations

SYDE Class Profile Software Team Lead - 2022 | *React, JavaScript, Firebase, MUI, ChartJS, Vercel*
- Spearheaded a software team of 7 members to create a responsive web app that garnered an extensive user base of 78,000 individuals, with over 120+ daily active users.

Civility - 2022 | *React, NextJS, ExpressJS, Cohere API, MUI*
- Engineered a full-stack web app that performs sentiment analysis to detect toxicity in users' inputs using Cohere's NLP API

EDUCATION

University of Waterloo - *Candidate for BASc. in Systems Design Engineering*   **2021 - 2026**
Courses: Data Structures & Algorithms, Human Factors in Design, Digital Computation   CGPA: 3.8/4.0