

Jonathan Chuang

Experienced in dynamic cross-disciplinary teams, contributing to **front-end development**, **UI/UX design**, and **back-end development**, while consistently aligning with best practices and industry trends.

Driven by a commitment to a user-centric approach to front-end development, I thrive as the bridge between designers and engineers, ensuring seamless collaboration and translating design vision into functional, visually captivating user experiences.

EXPERIENCE

Clearpoint Strategy — Software Engineer

June 2022 - September 2023

Spearheaded the enhancement of a **React** web application by investigating issues across various **microservices** across both the **front-end** and **back-end**, refining form optimizations like caching, and fixing countless bugs throughout the application, delivering a 40% reduction in bugs reported.

Lead the development of innovative features for the **React** web application, including **AI-driven strategy content generation**, custom application-specific tab management, dynamic discussion functionalities, and a comprehensive UI overhaul.

Played a pivotal role in the development and maintenance of various **microservices** and **back-end systems**, such as a Microsoft Teams integration and a PDF export and report generator.

Collaborated closely with the product team, actively contributing to the design process by creating visually compelling wireframes and mockups in **Figma** for feature development.

Nonprofit Exchange Hub — Volunteer Front End Engineer

April 2022 - May 2023

Implemented and standardized the application's theming solution based on the design language and created user sign up forms for the platform, utilizing the **Material UI** library, **React**, and **Typescript**.

PROJECTS

Covid Data Dashboard — Developer / Designer

Developed a covid data dashboard displaying up to date case numbers and totals around the world, including detailed bubble maps built using the **D3.js** data visualization library.

Football Metrics Dashboard — Developer / Designer

Designed and developed a football metrics dashboard, created with **React** using **Gatsby**. This responsive and customizable web application enables users to save and follow 1000+ different teams and leagues in one place while providing real time updates to matches.

Personal Portfolio — Developer / Designer

Developed a variety of design and development projects to improve my skills and explore new areas of engineering and UX design, creating a responsive portfolio website in **React** using **Gatsby.js**.

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EDUCATION

University of Washington

Seattle, Washington • 2019

Bachelor of Informatics
(Human-Computer Interaction)

SKILLS

Front End

React, Nextjs, Javascript, Typescript, HTML, CSS, Gatsbyjs, Sass

Back End

Node.js, Express.js, SQL

Product Development

JIRA, Figma, Git, Visual Studio Code