

Christopher Chen

Full-stack developer & Designer.

technical skills

software development

- ↳ React, JavaScript, SQL, HTML, CSS, Git, Java, C++, C, Vue, Node.js, Angular, Ionic, MongoDB, AWS, GCP

design & prototyping

- ↳ Cinema4D, Figma, Framer Motion, Adobe Suite (Ps, Ai, Pr, Ae, Id)

work experience

Advanced Intelligent Systems, Burnaby, CA (Jan 2020 - Sept 2020)

Developer, Designer

- + Developed both a native mobile app and a web app that are now used by the team to control and automate the robots organizing fields with pots.
- + Improved the layout, user experience, and functionality of a robot dashboard web app by eliminating unnecessary button clicks, alerts, and routes, creating a more intelligible front-end, and presenting data more informatively.
- + Developed a PWA for users to track a robot's progress as it moves from field to field to set up pots, create points to indicate where robots should work, as well as automate the robot's pathing
- + Created UI designs for the app's interface using Figma, developed the apps in Ionic and Angular, and used AWS for user authentication and backend APIs.

VibeEvent (Jul 2019 - Dec 2020)

Full-stack Developer, Designer

- + Created a progressive web-app using React for the front-end, Node.js for the backend, and MongoDB for the database
- + Used various animation libraries to animate front-end elements such as the sidebar and event cards.
- + Used Mapbox to visualize events fetched from the backend on a map
- + Used Node and Axios to create HTTP requests in order to fetch data from Mongo
- + Designed the UI using Figma and stylized the front-end using mobile-first responsive CSS

Aerogreens, Jakarta, Indonesia (Jul 2020 - Ongoing)

Lead Designer, Lead Developer

- + Designed Aerogreens' website on Figma and developed it using HTML, CSS, JS, as well as external JS libraries
- + Designed various social media marketing assets for Instagram such as posts and stories, as well as assets for Aerogreens products such as salad bowls and raw vegetable packages

Microsoft, Jakarta, Indonesia (May - Aug 2018)

Business and Technologies Intern

- + Developed a proposal directed towards local universities on the possible integration of Microsoft Azure in managing big data and facilitating machine learning in their educational curricula
- + Shadowed and attended meetings and talks with the National Technology Officer and Software Asset Management and Compliance Director
- + Self-learned Azure's technologies and analyzed big data and machine learning case studies

project experience

Portfolio Website (January 2021)

Developer, Designer

→ <https://github.com/kraytaps/kraytaps-portfolio-2021>

- + Designed and developed an interactive and mobile-responsive portfolio website with HTML, CSS, and JavaScript
- + Created a dynamic scene in Three.js and included window interactions, mouse movements, and mouse events

XdHacks (Feb 9 - 10, 2019)

Developer, Designer

→ <https://github.com/kraytaps/KENKO/>

+ Won first place

- + Developed a cross-platform Android app that helps rheumatoid arthritis patients using React Native
- + Allows patients to take an official symptoms quiz and translates the data into a pdf
- + Uses an API to allow patients to scan pharmaceutical drugs and add them to their list, where another API allows them to create text message reminders to take their medication
- + Informs patients of allergens by using an API to let them scan food labels
- + Designed the UI using Figma

contact

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