ANDY HUANG

andyhuang.ace@gmail.com | andyacehuang.com | github.com/arangace

/ SKILLS

- **FRONTEND:** TypeScript | JavaScript | ReactJS | NextJS | HTML | CSS | Sass | Progressive Web Apps (PWA) | Redux | CSS in JS
- **BACKEND:** Python | C# | SQL | Node.js | NoSQL | GraphQL | REST APIs
- **SOFTWARE ENGINEERING CONCEPTS:** Requirement Engineering | Responsive Design | Design Patterns | Object-Oriented Programming (OOP) | API Integration | Accessibility Compliance (W3C)

- **PLATFORMS & DEPLOYMENT:** Vercel | Netlify | Heroku
- **VERSION CONTROL & COLLABORATION:** Git | GitHub | Atlassian Suite (JIRA, Confluence, BitBucket) | SourceTree | Trello
- **TOOLS:** Jest | Ghost Inspector
- **DESIGN & PROTOTYPING:** Photoshop | Figma
- **CERTIFICATIONS:** Google Analytics, Microsoft Office Specialist, Responsive Web Design (FreeCodeCamp)

/ EXPERIENCE

Front End Developer | AKQA   **Mar 2022 - Present**
- Mobile-first-driven response design, maintaining sites across a wide range of browsers and devices.
- Developed and Delivered three websites used by the whole country and spearheaded headless architecture.
- Led the build for three site redesigns with a direct focus on user experience benefits and interactive interfaces.
- Architecturing code bases and design patterns. Contributed to maintaining and developing design pattern libraries.
- Constant evidence-driven innovation, using Google Analytics tracking and forms to reinforce UI/UX decisions.
- Accessibility focused mindset, ensuring ease of use for our large and diverse user base.
- Presenting work to clients and knowledge sharing with coworkers and other teams.
- REST API, backend, CMS integration and creating tests and maintaining them

Technical drawer and Programmer | Foley Industries   **Dec 2019 - Feb 2020**
- Technical drawer and programmer for metal designs, translating logos and artworks from design to metal
- Factory machine operator, using various machines to press, roll and bend metal.
- Programmed laser cutter and sketched designs.
- Billing and invoicing clients for work done per materials

Volunteer helper | Biztech   **Nov 2017**
- Organised and assisted with events, and activities. Helped students with questions and delivered presentations.

/ PROJECTS

TFT Egg Roll   **tfteggroll.vercel.app**

Simulates opening Little Legend Eggs in the popular game Teamfight Tactics. Built as a progressive web app (PWA) for a seamless mobile device experience. Using NextJS, Sass and Framer motion. Lazy loading images to reduce the load on the frontend, hiding complex calculation computation time behind animations for better user feedback response and engagement.

Ready Four Tomorrow (R4T)   **r4t.vercel.app/login**

Developed a responsive progressive web app (PWA) to show your calendar and weather. Have your day summarised and spoken to you. Integrate user data through AUTH with GoogleAPI. Additionally with the weatherAPI to help plan your commute. Available to download for mobile devices. Developed using NextJS, Styled Components NextPWA and Redux.

CreamCat   **github.com/arangace/CreamCat**

Led the FrontEnd to build an online collaborative music streaming service application. Allowing users to create and join rooms to listen to songs synchronously. Individually queue songs for everyone to hear and vote to skip songs. Developed using MongoDB, ExpressJS, ReactJS and NodeJS (MERN stack). Researched and provided tech stack for the full stack application

/ EDUCATION

Bachelor of Computer Systems Engineering (Honours) | University of Auckland   **2017 - 2021**

/ LANGUAGES

English (Native) | Chinese (Native) | Japanese (Conversational)