

# Carl Dungca

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## Experience

### FRONTEND DEVELOPER | LEADFUSION

DECEMBER 2020 - PRESENT

- Maintain customized white-label web-applications with JavaScript, HTML, and CSS for 65+ financial institutions
- Collaborate with UI/UX designers to implement design systems, resulting in the acquisition of 12+ new clients
- Support WCAG 2.0 AA accessibility compliance by testing with NVDA, BrowserStack, and AXE devtools
- Develop custom application features using JavaScript ES6 functions and DOM manipulation
- Ensure fully responsive layouts on all browsers and resolutions using media queries
- Streamline source control operations through the implementation of custom Git aliases

### WEB DEVELOPER | CIRCLE K INTERNATIONAL

MAY 2018 – APRIL 2019

- Spearheaded the development of 2 websites using HTML and CSS, which were utilized by 10+ universities
- Collaborated with event and design committees of 10-16 members to design custom layouts
- Established responsive web pages across all resolutions of devices through the use of media queries

## Projects

### PARTYCRAFT – NEXT.JS 13, SHADCN, TAILWIND, CYPRESS - [PARTY-CRAFT.VERCEL.APP/](https://party-craft.vercel.app/)

- Designed and Implemented RESTful API endpoints to perform asynchronous CRUD operations with the database
- Created responsive, mobile-friendly layouts using ShadCN components and Tailwind CSS
- Wrote unit, integration, and E2E tests with Vitest and Cypress to test UI state and errors
- Developed protected routes, authentication, and authorization using Next.JS 13 middleware and Supabase

### HYPERSPACE BNB – REACT, TAILWINDCSS - [HYPERSPACE-BNB.VERCEL.APP/](https://hyperspace-bnb.vercel.app/)

- Designed and developed and styled responsive website layouts using TailwindCSS
- Accomplished custom pagination and sorting functions using React hooks
- Utilized NextJS to fetch HTTP data from a mock API and pre-render the page to the user

### HEADLESS CMS PORTFOLIO – REACT, SANITY.IO - [CDUNGCA.COM](https://cdungca.com)

- Developed reusable modular UI components with React to use across project pages
- Managed website content by using GraphQL to query a headless CMS for static data
- Implemented dynamic project pages and routes using the Node API and reusable components

## Skills

- **Front-end:** TypeScript, React, Next, SCSS
- **Back-end:** Express, NodeJs, MongoDB
- **Other:** Git, Figma, Sanity, RESTful APIs

## Education

Bachelor of Science in Nano-Engineering | December 2019 | University of California, San Diego