Nicole *Lam* - Front-end Software Engineer

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I am an empathetic & compassionate Front-End Software Engineer specializing in Javascript, React, and CSS. I offer a unique blend of user-centric development skills, with **10** years of healthcare experience. I am known for resilience, adaptability, and a collaborative spirit in high-pressure environments.

SKILLS: **Javascript | React | HTML | CSS**

PROJECTS

AI AT ALLY, Capstone Group Project | [Repo Link FE](#) | [Repo Link BE](#) | [Deployed Link](#)

*Developed a React app with the back-end team in **2** weeks that facilitates access to assistive tech resources with user authentication, educational content & categorized search functionality. Users can interact with the content, & share their insights by submitting ratings & viewing comments*

Tech: JavaScript | React | React Hooks | CSS | HTML | Apollo | Router | Cypress | API | DevTools | Figma
- Implemented full keyboard navigation on interactive elements, provided enhanced visible focus indicators for hover & keyboard focus, & implemented text alternatives for images
- Used semantic HTML to identify regions & to implement proper heading structure for screen reader navigation
- Focused on creating an intuitive navigation experience & detailed content views, emphasizing user-centric design
- Incorporated front-end Cypress testing, with over **95%** completion, and code reviews for all pages
- Ensured responsiveness across various viewport sizes & mobile devices
- Implemented login feature with [Apollo Client](#) to manage user authentication & comments

Development Process: Developed and maintained team documentation in [Notion](#), led the development of wireframes in [Figma](#), and managed [GitHub Projects](#) for team code reviews and continued workflow

VALORANT SHOWCASE, Solo Project | [Repo Link](#) | [Deployed Link](#) | [GitHub Projects](#)

*Created a React app completed in **5 days** that allows a user to view character attributes, filter through agents by role, choose their favorite, & view their descriptions & abilities. Users can simulate building two different teams of up to five players. I am currently in the process of adding maps and weapons.*

Tech: JavaScript | React | React Hooks | CSS | HTML | Router | Cypress | DevTools | Figma | GitHub
- Crafted reusable React components to streamline the development process
- Incorporated Cypress for comprehensive testing, ensuring a seamless user flow, with **100%** completion
- Integrated asynchronous data retrieval from a public [API](#) with React's useEffect hook, in addition to sensible error handling
- Sought end-user input to incrementally develop & adapt user flows, actively incorporating user feedback to refine & enhance application
- Implemented React Hook useState for efficient data filtering
- Resolved technical issues, developed reusable code, & maintained responsive design standards for optimal user experience

Development Process: Created wireframes in Figma, utilized [GitHub Projects](#) for code reviews, and used Google Docs for documentation with process and acceptance criteria

CAP HILL COFFEE SHOPS, Group Project | [GitHub FE Link](#) | [GitHub BE link](#) | [Deployed Link FE](#)

*This React app was created with a front-end team of **3** within **2** weeks. Users can choose a coffee shop to view details & rate to alter the rating displayed for each shop. Users can view details such as hours & addresses & submit ratings. We integrated a PostgreSQL database as a stretch tech for this project.*

Tech: JavaScript | React | CSS | Router | HTML | Cypress | PostgreSQL | Postico | Knex | Express | Postman

- Created reusable components in React, enhancing efficiency & consistency across the app
- Front-end user flow ensured by Cypress end-to-end comprehensive testing with over **95%** completion
- Integrated PostgreSQL for data management, complemented by Postico, Knex, & Express for seamless database interactions
- Created RESTful API calls, including GET and POST, to handle dynamic content delivery
- Equipped with responsive design ensuring compatibility across diverse screen sizes
- Placed importance on identifying issues related to usability, through debugging and resolving issues during the development process with DevTools

Development Process: Developed & maintained documentation in Google Docs, created wireframes in Figma, & managed [GitHub Projects](#) for code reviews & continued workflow

PROFESSIONAL EXPERIENCE

Outpatient Registered Nurse | Denver Health | Ears, Nose & Throat | Family Medicine | *2021 - present*
- **3** years of experience with EPIC medical charting in an **outpatient** setting
- Designed **20+** instructional documents emphasizing user-centric design, clarity, and structured information in health, wellness, and surgery
- Collaborated in cross-functional teams of up to **15** medical professionals to ensure patient safety
- Created over **20** educational documents for patients & staff to enhance workflow and patient satisfaction
- Engaged in **3** Quality Improvement projects, aimed at enhancing patient satisfaction & continuous improvement

Inpatient Registered Nurse | St. Anthony's Hospital | Neuro & Ortho Trauma | *2020-2021*
- **1.5** years of experience in EPIC medical charting in an **inpatient** setting
- Applied meticulous attention to detail in documentation to ensure accuracy & quality in presentation
- Flexible independent worker, managing **5** patients during every shift
- Provided counseling and education; in addition, went over the discharge summary in detail for patients
- Demonstrated empathetic communication & strong interpersonal skills between healthcare providers, family members, & patients
- Developed, managed, and implemented care plans, evaluations, assessments, & nursing diagnoses while cognizant of unit surroundings to maintain patient safety
- Floated to **4** different units in the hospital to provide nursing care to a diverse population of patients

Healthcare roles | *2014-2019*
Certified Nurse Aide, Pharmacy Technician, Oral Surgical & Sterile Technician
Recognitions | *2019- Current*
Employee of the Month, Employee of the Quarter, **5** Daisy Nominations, & **3** Hero of the Heart awards

EDUCATION

Turing School of Software & Design	*Certification (July 2023 - January 2024)*
Regis University Accelerated Nursing, *3.87*	*Bachelor of Science, magna cum laude (2019)*
University of California, Berkeley*, 3.64*	*Bachelor of Arts, cum laude (2012)*