

Duke Nguyen

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TECHNICAL SKILLS

Languages: JavaScript, Node.js, Java, Python, Ruby, HTML5, CSS3

Front-end: TypeScript, React, Svelte, Sass, Less, TailwindCSS, Material UI, Next.js, Gatsby, Redux, TanStack Query, jQuery, Jest, Puppeteer, Cypress, React Testing Library, Storybook, Framer Motion, GSAP, D3.js, Ag Grid

Back-end: Ruby on Rails, Express, MongoDB, PostgreSQL, Apollo, Mongoose, Prisma

Dev/Build Tools: Git (GitHub), Webpack, Babel, Parcel, Turborepo, Docker, ESLint, Prettier

Platforms: GitHub Actions, Heroku, Netlify, Vercel, AWS – S3, Lambda, CloudFormation

Design/Prototyping: Figma, Adobe – Illustrator, Photoshop, XD

EXPERIENCE

Co-Founder & Front-End Engineer

May. 2023 – Jan. 2024

Diablo 4 Auctions

Remote

- Spearheaded the entire UI design and front-end development for an unofficial Diablo 4 auction house web app, features include auth via OAuth, auction creation, live bidding, and a search feature
- Architected an auction listing system that implements optical word recognition (OCR) to scan user images, allowing for auto-inputting of item descriptions, and empowering users to refine these results for greater efficiency
- Engineered an AWS-based image compression pipeline on successfully filtered images (via OCR) that users have uploaded, results reduced S3 storage capacity required by 75%

Front-End Engineer

Oct. 2021 – Feb. 2023

DELV (formerly Element Finance)

Remote

- Designed, implemented, and iterated upon numerous DeFi web apps in a dynamic, fast-paced environment, while ensuring the security and stability of the primary web app used by 50,000+ users worldwide
- Coordinated directly with product and design teams to transform Figma wireframes and user flows into fully responsive and accessible (a11y) web pages with Google Lighthouse scores above 95 in all criteria
- Implemented unit and integration tests via Jest for the core web app, and integrated Storybook into the CI/CD pipeline. This initiative led to a twofold increase in testing coverage in addition to automating the snapshot testing process

Software Engineer Intern — Front-End Engineer

Oct. 2018 – Nov. 2020

NovaBay Pharmaceuticals

Emeryville, CA

- Managed an in-house customer relationship management (CRM) web app used by 50+ representatives in addition to implementing new dashboards via the Tableau API
- Collaboratively developed data visualization tools using the D3.js library within the CRM to retrieve, process, and graphically display sales data
- Lead development on a new framework for sales territory analysis based on weighted averages of Rx sales and insurance data to account for potentially undervalued markets, efforts lead to an average of a 16% growth in sales volume within a single quarter

PROJECTS

notAirbnb | *Node, Express, Apollo, Prisma, PostgreSQL, React, Redux, Sass*

Jun. 2021 – Oct. 2021

- Built a responsive, mobile-first and pixel-perfect Airbnb clone. Features a GraphQL API with endpoints to a custom-built authentication/authorization system, a robust search feature, and the ability to reserve listings
- Implemented advanced React design patterns like state reducers to control intricate query params and compound components to increase code reusability
- Utilized completely anonymized listings data web-scraped from Airbnb via Puppeteer, in addition to randomly generated addresses and the Google Maps API in order to create a realistic experience

EDUCATION

University of California, Berkeley

Aug. 2015 - May 2017

Bachelor of Arts in Economics, Minor in Computer Science

Berkeley, CA

App Academy

Oct. 2020 - Feb. 2021

Fullstack Bootcamp

San Francisco, CA