

DUKE NGUYEN

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[LinkedIn](#)

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SKILLS

Proficiency with JavaScript (TypeScript), Node.js, Ruby, HTML, CSS (SCSS/Sass), Tailwind, React, Svelte, Gatsby, Next.js, jQuery, Jest, Cypress, react-testing-library, Storybook, framer-motion, GSAP, d3.js, Puppeteer, Apollo, Ruby on Rails, Express, MongoDB, SQL (PostgreSQL), GraphQL, Prisma, Git (GitHub), Heroku, Netlify, Vercel, Yarn, NPM, Webpack, Parcel, Figma, Illustrator, Photoshop

EMPLOYMENT

Front End Engineer @ Element Finance, Oct 2021 - Oct 2022

Helped develop and deploy the DAO's governance web app in addition to maintaining the protocol's core web app

- Built out fully responsive pages on the governance web app via React, making sure to adhere to web3 standards and a11y conventions
- Lead the effort on snapshot testing via Storybook for the governance web app
- Migrated the team's front end codebase to a monorepo configuration in order to help streamline development time
- Ensured code style integrity by implementing continuous integration processes using GitHub actions in order to run ESLint and Prettier prior to pull request merges to the monorepo
- Established a new standard for package tag versioning within the monorepo in order to help with the automated publishing of specific packages on tag pushes
- Doubled the amount of testing coverage through the addition of unit and integration tests within the protocol's core web app

Data Analyst @ NovaBay Pharmaceuticals, Sep 2017 - Oct 2019

Managed the data pipeline for a multi-million dollar biopharmaceutical company that specializes in eyecare

- Analyzed Rx data using Excel and Tableau in order to present actionable insights, wherein the results were communicated with the executive-level management on a weekly basis
- Established a new company best practice to evaluate sales territory viability in order to boost sales volume and efficiently target hotspots that were previously unaccounted, results led to about a 15% growth in sales volume over a single quarter
- Guided Salesforce CRM integration by working closely with external consultants and developers

PROJECTS

notAirbnb TypeScript, React, SCSS, PostgreSQL, Apollo Server, GraphQL, Prisma, Heroku, Netlify [live repo](#)

A creatively named fullstack project that replicates Airbnb's website, which features anonymized listings web scrapped via Puppeteer

- Built a fully responsive, mobile-first design web app identical to Airbnb's web app (at the time), complete with all of the animations done via CSS keyframes
- Features a GraphQL API, which includes the ability to reserve listings as well as a robust search feature with the ability to filter on a variety of fields
- Includes advanced React patterns such as the useContext + Reducer pattern to reduce app complexity, the use of portals for the creation of plug-and-play modals, as well as the use of useCallback and useMemo in order to optimize renders

EDUCATION

App Academy 1000-hour fullstack bootcamp with a <5% acceptance rate. Topics include: TDD (unit, and integration testing), scalability, algorithms, OOP, REST architecture, authentication and authorization, and web development best practices, (Spring 2020)

University of California, Berkeley BA in Economics (Spring 2017)

Orange Coast College AA in Architectural Design (Spring 2015)