DUKE NGUYEN

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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 @ *DELV (formerly 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 with custom components 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 startup
- Analyzed Rx data using Excel and Tableau in order to present actionable insights, in which 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 customer relationship management app integration by working closely with external consultants and developers

PROJECTS

notAirbnb @ https://not-airbnb.netlify.app/ | https://github.com/hnguyen1179/notAirbnb
A creatively named fullstack project that replicates Airbnb's website, which features anonymized listings web scrapped via Puppeteer. Technologies involved: TypeScript, React, SCSS, PostgreSQL, Apollo, GraphQL, Prisma, Heroku and Netlify
- Built a fully responsive, mobile-first design and pixel-perfect web app identical to Airbnb's web app (at the time), complete with all of the animations done custom via CSS keyframes
- Features a GraphQL API, which includes the ability to: sign up, log in, browse listings via a robust search feature that allows filtering on a variety of fields as well as the ability to reserve listings
- Includes advanced React patterns such as the `useContext` in combination with `useReducer` pattern to reduce app complexity, the use of `createPortal` for plug-and-play modals, as well as the prudent usage of `useCallback` and `useMemo` in order to optimize rerenders

More projects @ https://dukenguyen.dev

EDUCATION

App Academy *1000-hour fullstack bootcamp with a <5% acceptance rate. Topics include: test driven development (unit, and integration testing), scalability, algorithms, object oriented programming, REST architecture, and other web development best practices,* (Spring 2020)
University of California, Berkeley *BA in Economics* (Spring 2017)
Orange Coast College *AA in Architectural Design* (Spring 2015)