DUKE NGUYEN

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SKILLS

Languages   JavaScript (TypeScript), Node.js, Python, Ruby, HTML, CSS (SCSS/SASS)
Front-end Technologies   React, Svelte, Tailwind, Next.js, Gatsby, Redux, jQuery, Jest, Cypress, react-testing-library, Storybook, framer-motion, GSAP, D3.js
Back-end Technologies   Ruby on Rails, Express, MongoDB, SQL (PostgreSQL), GraphQL, Mongoose, Prisma
Build Tools   Webpack, Babel, Parcel
Libraries & Platforms   Puppeteer, Git (GitHub), Heroku, Netlify, Vercel, Yarn, npm
Design & Prototyping   Figma, Adobe Illustrator, Photoshop, and XD

EXPERIENCE

Front End Engineer @ *DELV (formerly Element Finance)*, Oct 2021 - Oct 2022
Helped develop and deploy various new web apps in addition to maintaining the security and stability of a web app used by 50,000+ unique users across 20+ different countries
- Coordinated with many different cross-functional teams in all stages of development from initial UI/UX design to whiteboarding architecture to code development to deployment for multiple web apps
- Collaborated closely with the design team to translate Figma wireframes into fully responsive and accessible (via A11Y conventions) web pages with Google Lighthouse scores above 95 in all criteria
- Revamped the front end repository architecture to a monorepo configuration in order to reduce code redundancy, results also lead to a 60% improvement in build and deployment speed by optimizing the development workflow
- Doubled the amount of testing coverage through additional unit and integration tests within the core web app
- Adhered to Agile development methodologies through daily stand up meetings and Kanban workflows via ClickUp boards

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. New practice boosted sales volume by efficiently targeting hotspots that were previously unaccounted, results led to about a 15% growth in sales volume over a single quarter

PROJECTS

notAirbnb @ https://not-airbnb.netlify.app | https://github.com/hnguyen1179/notAirbnb
A *creatively* named fullstack project that replicates Airbnb's web app, featuring anonymized listings obtained through web scraping using the Puppeteer library
- 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
- Featured a GraphQL API, which includes features like: custom-built auth allowing users to sign up and log in, a robust search feature that allows filtering listings on a variety of fields, and as well as the ability to reserve those listings
- Included advanced React patterns such as the *useContext* and *useReducer* hook combination to reduce app complexity, as well as the prudent usage of *useCallback* and *useMemo* hooks in order to optimize rerenders

LinkedIn Web Scraper @ https://github.com/hnguyen1179/linkedin-web-scraper
Automated my first job search process by scraping LinkedIn job listings for roles that match my specifically defined filters
- Built with Node.js using only the Puppeteer library all under 300 lines of code, including documentation
- Accelerated my job search by allowing me to apply to over 200 compatible job listings within a week with a callback rate of around 20%

More projects @ https://dukenguyen.dev

EDUCATION

App Academy *1000-hour fullstack bootcamp* (2020)

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