

Jonathan I. Nelson

[in LinkedIn](#) | [817 - 308 - 6461](#) | [My Website](#) | [✉ jayneltech@gmail.com](mailto:jayneltech@gmail.com) | [GitHub](#)

Skills

- Liquid | REST | Python | JavaScript | TypeScript | Golang | Go | GraphQL | MySQL | Node.js | Postgresql | React | React Native | Redux | Git
- Google Cloud | AWS | CI/CD | Shopify Plus | Docker | CloudWatch | Shopify | Unit Testing | Lambda | Jest | Kubernetes | Next.js | Nest.js
- CMS | Agile Development | Frontend | Full-Stack

Experience

Senior Software, Engineer

ECO ATM

07/2023 - Current

- **Crafted Dynamic E-Commerce Interfaces with React-Hydrogen:** Migrated key storefront components from traditional Liquid to a more modular, high-performance React-Hydrogen framework. Lighthouse speed analytics entailed a performance boost from 75 to 90..
- **Ran Iterative A/B Tests via Optimizely:** Collaborated with the product manager to devise experiment roadmaps, using conversion rate and engagement data to validate the necessity of new UI features. This data-driven approach boosted user conversion rates by 15% and streamlined resource allocation to features that demonstrated the highest user impact.
- **Established Rigorous Coding Standards & Code Reviews:** Formalized guidelines around commit linting and Gazelle naming conventions to maintain a uniform project structure. Personally conducted thorough peer reviews for all pull requests, significantly reducing production bugs and accelerating feature development. Additionally, integrated a GitHub webhook into Slack to notify developers of commits, comments, and updates in real time.

Software Engineer

CBRE

Richardson, TX, USA

05/2022 - 07/2023

- **Engineered a Proprietary Presentation Platform:** Developed a React-Redux web application with WebGL integrations, enabling internal brokers to deliver dynamic property visualizations and boosting client engagement rates by 45%.
- **Enhanced Visual Interactivity with WebGL:** Implemented 3D rendering of property layouts, improving broker presentation quality and shortening the average sales cycle by 15%.
- **Streamlined CI/CD Pipeline:** Implemented automated testing and deployment processes, trimming release cycles from two weeks to two days, allowing faster iteration on new features and client-facing enhancements.
- **Created a 3D Presentation Builder:** Developed a drag-and-drop interface with WebGL integration, allowing brokers to design custom 3D property slideshows. Each presentation was saved to a Postgres database for quick retrieval and reusability, further enhancing broker customization.
- **Developed Comprehensive E2E Testing Strategy:** Built a Jest-based testing pipeline covering the full 3D presentation builder workflow, from slide customization to Postgres storage. Enforced 95% test coverage thresholds, resulting in a 50% reduction in post-deployment bugs and significantly boosting broker confidence in new releases.

Software Developer

Nexrage Software

Plano, TX, USA

04/2019 - 05/2022

- **Responsive UI Development:** Built cross-platform interfaces using React, React Native, and Redux to ensure a unified experience across web and mobile devices..
- **Performance Optimization:** Utilized lazy loading and code splitting, reducing initial load times by 40% and enhancing overall perceived performance by 35%.
- **Test-Driven Development :** Utilized test driven development strategies team wide which subsequently drives cleaner architecture, prevents regressions, and ensures high confidence in code changes..

Software Engineer, Contract

Shopify

US, Remote

06/2017 - Current

- Freelance Shopify developer for various clients ranging from shopify stores using liquid and custom shopify apps using shopify app bridge.

Education

Freemote

Remote, USA

08/2015 - 12/2016

- Completed training at freemote SWE mentoring agency.

Projects

- **Wulin Saga :** Creation of a Registration and matchmaking platform for Phoenix Wushu Nationals Martial Arts in Phoenix, AZ

Mentorship

- **Computer Science Tutor:** Programming |career advice | here at UT Austin