Kara Norton

Software Developer with 3+ years of experience crafting scalable, user-centered solutions
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TECHNICAL SKILLS

Programming Languages & Frameworks: React, TypeScript, JavaScript, Next.js, Ruby on Rails, HTML, CSS, SQL, Jest, Material UI, React Native

Tools & Methodologies: Git, Unit Testing, Chrome DevTools, Agile, REST APIs, Redux, Recoil, TanStack Query

PROFESSIONAL EXPERIENCE

Software Developer | PhotoShelter
Digital asset management and content distribution platform
October 2023 – June 2024

- Modernized legacy code by replacing PolymerJS with React, TypeScript, and Next.js for better performance and SEO, aligning with the platform's scalability goals
- Spearheaded the development and release of a pricing feature, allowing users to integrate image pricing seamlessly with the core platform and boosting media monetization capabilities
- Engineered a dual-purpose search bar enabling seamless navigation of library assets and keyword searches, reducing friction and improving user satisfaction based on post-launch feedback
- Converted Figma designs into reusable React components, removing duplicated code and reducing development time for future updates

Software Developer | Kin + Carta
Technical consultancy specializing in bespoke digital solutions
September 2021 – October 2023

- Implemented a personalized herbicide recommendation feature, enabling users to optimize crop management decisions, reducing time spent on manual product research, and enhancing the platform's value to customers
- Created Jest unit tests to raise overall test coverage, increasing product reliability and decreasing post-deployment bugs
- Built a search feature that streamlined in-app navigation, improving user engagement through better usability and efficiency
- Mentored junior developers, fostering a culture of collaboration

EDUCATION

Georgia Institute of Technology
M.S., Computer Science (Specialization in Computing Systems)
August 2017 – May 2021

University of Florida
B.S., Chemical Engineering (Minor in Business Administration)
August 2009 – May 2014

PROJECTS AND RELEVANT COURSEWORK

Ruby on Rails Web Application: Built and deployed an e-commerce platform using Ruby on Rails and Heroku, as part of a capstone project for a full-stack development course.

Database Systems Concepts and Design: Explored methodologies for database design, data modeling, relational algebra, and SQL through graduate coursework.

Graduate Algorithms: Gained expertise in algorithmic design and analysis, including graph algorithms, dynamic programming, and NP-completeness.