Harrison Israel

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SKILLS

React.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Apache Velocity, Chrome DevTools, Git, Responsive Design, Cross-browser Development, GraphQL, Node.js, Express, PostgreSQL, MongoDB, Ruby on Rails, Jira (Workflow Management, Development Ticket Lifecycle Tracking), Confluence (Technical Documentation)

RELEVANT EXPERIENCE

Frontend Developer
Nosto, May 2023 - Dec 2024

- Developed responsive React components and product search templates for e-commerce platforms, serving 100,000+ daily users across multiple international markets
- Optimized real-time category filtering by implementing a frequency-based array system that efficiently tracked top product categories as users typed, processing each search result in $O(n)$ time versus $O(n \log n)$, ensuring smooth search dropdown updates during user interaction
- Leveraged GraphQL and React hooks to build dynamic variant selection systems, implementing interactive swatches that updated product imagery, pricing, and inventory in real-time while maintaining native site styling
- Integrated with merchant window-level cart functions and carousel libraries, as well as third-party review/wishlist services, chaining attribution promises to native add-to-cart events to maintain accurate analytics tracking
- Managed and delivered multiple concurrent client projects, utilizing Chrome DevTools and debugging expertise to consistently meet aggressive implementation deadlines
- Led technical scoping and troubleshooting calls with clients, effectively communicating solutions for integration challenges while resolving complex JavaScript and DOM manipulation issues
- Collaborated closely with Customer Success and Technical Solutions teams to drive A/B testing initiatives, fostering strong cross-functional relationships that led to increases in click and add to cart rates across multiple enterprise clients
- Streamlined development workflow by creating comprehensive technical documentation and onboarding materials, reducing new team member ramp-up time by close to half

PROJECTS

Harry's Plants, Feb 2025   Live Site | Github
E-commerce plant shop featuring an intuitive shopping experience with dynamic cart management and responsive design built with: React, Tailwind CSS, Framer Motion, HTML5, CSS3

- Developed a modern e-commerce platform using React and Vite, implementing a secure JWT-based authentication system and protected routes that achieved full mobile responsiveness through Tailwind CSS
- Architected a state management system using React Context API, implementing cart functionality with persistent storage and dynamic price calculations
- Built a performant product catalog with Framer Motion animations and lazy loading, featuring interactive color selection and image zoom capabilities that enhanced user engagement
- Created a modular component architecture with reusable form components and custom UI elements, implementing comprehensive error handling and loading states that improved development efficiency
- Developed a responsive navigation system with mobile-first design principles, featuring a modal-based cart interface and dynamic routing that optimized user experience across all devices

Landbnb, May 2022   Live Site | Github
An Airbnb inspired app using: React/Redux, Rails, PostgreSQL, JavaScript, HTML5, CSS3, AWS S3, Google Maps API, Heroku

- Engineered listing service (Rails, PostgreSQL, Redux) with JWT auth, AWS S3 image uploads, faceted search, and Google Maps geocoding
- Wrote custom middleware/REST API enabling secure CRUD for users and listings

WeGo, May 2022   Live Site | Github
Connect users interested in participating in similar activities using: MongoDB, Express, React/Redux, Node, AWS, HTML5, CSS3

- On a 4-person team, engineered WeGo (MERN + AWS) with middleware-driven faceted search and strict MongoDB schema enforcement
- Wired Redux into React UI for persistent, validated global state

EDUCATION

App Academy - Immersive software development course with focus on full stack web development (May 2022)
Binghamton University - *BA - Economics* (Spring 2020)