Harrison Israel

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SKILLS

React.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Cursor AI, Vite, Chrome DevTools, Git, Responsive Design, Cross-browser Development, GraphQL, Node.js, Express, PostgreSQL, MongoDB

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
- 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
- Led technical scoping calls and handled debugging sessions with client founders, breaking down complex JavaScript integration problems into actionable solutions that unblocked product launches and hit tight shipping deadlines
- 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

PersonaFi, May 2025   Github
AI-driven chat platform that emulates real Twitter personalities by combining semantic vector search and advanced language models. Built end-to-end with React, TypeScript, Node.js, Express.js, ChromaDB, OpenRouter AI, Docker, and Tailwind CSS
- Built a responsive, real-time chat interface in React and Tailwind CSS, with dynamic message rendering, loading indicators, and smooth user flows for selecting and switching between AI-powered Twitter personas
- Developed custom prompts and maintained a rolling context window of recent messages to enable OpenRouter AI to generate in-character, context-aware responses that closely mimic real Twitter users
- Implemented semantic search using ChromaDB to retrieve and rank the most relevant tweets for each user prompt, grounding AI responses in authentic Twitter data
- Integrated with the Community Archive API to fetch, preprocess, and embed real Twitter data, transforming raw tweets into vector representations for downstream AI and search tasks
- Containerized the ChromaDB vector database with Docker and built a Node.js/Express backend to coordinate data flow between the React frontend, ChromaDB, and OpenRouter AI

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 with localStorage persistence and protected routes that achieved full mobile responsiveness through Tailwind CSS
- Set up comprehensive cart system using React Context API with persistent storage and real-time price calculations that synchronized state across all components
- Built a performant product catalog with Framer Motion animations and lazy loading, featuring interactive color selection and image zoom capabilities

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 full-stack listing service with Rails/PostgreSQL backend featuring JWT authentication, AWS S3 image uploads, faceted search, Google Maps geocoding, and custom REST API middleware for secure user and listing management

WeGo, May 2022   Live Site | Github
Connect users interested in participating in similar activities using: MongoDB, Express, React/Redux, Node, AWS, HTML5, CSS3
- Built WeGo on a 4-person team using MERN stack and AWS, implementing Redux state management, middleware-driven faceted search, and strict MongoDB schema validation

EDUCATION

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