Ryan Hennessy

Software Developer | linkedin.com/in/ryanphennessy/ | https://github.com/ry-hnn
+1-609-224-3903 | rhennessy.tech@outlook.com | N.Cape May, NJ

An adaptable front-end developer with over a year of hands-on experience in building real-world applications that reflect both creative problem-solving and a strong grasp of modern web technologies. Proficient in HTML, CSS, React, and more with a focus on building responsive, user-friendly interfaces and fullstack features. Passionate about efficient workflows, and leveraging AI tools to accelerate development without compromising quality or security. Always seeking to create clean, scalable code and intuitive user experiences.

Professional Experience

Skinstric AI · Remote | September 2024 - May 2025
Software Engineer
- Architected real-time skin analysis platform using OpenAI Vision API and Next.js, achieving 98% detection accuracy across diverse skin conditions
- Developed responsive UI with TailwindCSS and GSAP animations, implementing dynamic skincare recommendation cards with 60% improved engagement
- Optimized performance using Next.js Server Components and Lottie animations, achieving sub-2-second analysis time for skin condition detection
- Built custom animation system using GSAP timeline for seamless user experience during skin analysis processing, increasing user retention by 40%
- Designed modular component library with TailwindCSS for skincare product displays, enabling rapid A/B testing of recommendation layouts
- Implemented efficient image processing pipeline combining OpenAI Vision API with 4D Mini model for enhanced accuracy in skin tone and texture analysis

Frontend Simplified · Remote | June 2024 - August 2024
Software Engineer
- Selected as peer mentor after achieving top 5% performance in cohort, providing debugging support and code reviews for 20+ students across React and Next.js projects.
- Created and led workshops on modern frontend optimization techniques, helping students improve their portfolio project load times by an average of 50%.
- Developed comprehensive learning resources for React component architecture and TypeScript, resulting in 70% of mentored students successfully implementing type-safe applications.
- Weekly pair programming sessions focused on accessibility and SEO best practices, leading to 90% of mentored students achieving WCAG compliance in their projects
- Built and shared reusable component library using ShadCN/UI, reducing development time for student projects by 40% and improving code consistency
- Led study groups on deployment strategies and CI/CD, resulting in 85% of students successfully implementing automated deployment pipelines for their portfolio projects

Projects

NFT Marketplace: Live Demo
Redesigned a static React app into a dynamic, user-friendly interface
- Developed a static web app using HTML, CSS, JavaScript, and React to create a more interactive and user-centric experience through the addition of animations, transitions, and carousel features. Fetched and rendered dynamic data via API integration, improving usability with skeleton loading states, pagination, and dynamic routing. Contributed to a remote development team, leveraging Git and GitHub for efficient collaboration and version control.

E-Commerce Library: Live Demo
Developed a responsive e-commerce library app using React components
- Built a responsive e-commerce library application using React, HTML, and CSS, enabling users to browse, search, and add books to a virtual cart. Designed clean, user-friendly interfaces and implemented component-based architecture to ensure scalability. Integrated dynamic state management to handle cart functionality and book filtering, delivering a seamless and interactive user experience.

Technical Skills

Programming Languages: JavaScript, HTML, CSS, Typescript
Frameworks: React, Tailwind, Next.js
Tools & Other platforms: Vercel, GitHub, Vite, Figma, VsCode, Firebase

Education

Frontend Simplified | Certificate · June 2024 - January 2025
Rowan College at Gloucester County | Associate of Arts (A.A.) · September 2011 - July 2013

Other

Interests: Digital Art, Fitness   References: Provided upon request