Bailey Henderson

hen.baileyk@gmail.com | (201)-787-8863 | LinkedIn: BaileyKH | GitHub: BaileyKH

SKILLS

Programming: JavaScript, TypeScript, HTML/CSS, Tailwind CSS, React, Next, Python, PostgreSQL, Node.js, Express.js
Tools: VSCode, Git, Bootstrap, Figma, Vitest, Jest, Agile

EXPERIENCE

Software Engineer Intern   **Phoenix, AZ**
Protecly
- Architected and deployed the front-end codebase using React and Tailwind CSS, establishing the foundational repository that became the production framework
- Created and integrated multiple high-visibility pages including Terms & Conditions, Privacy Policy, Report a Phish feature, and a dynamic RSS-powered Articles page
- Implemented performance optimizations and animations for the landing page, resulting in enhanced user engagement and visual appeal

Software Engineer   **Phoenix, AZ**
Freelance
- Developed 8+ custom web applications using React, JavaScript, and Tailwind CSS, delivering complex features including real-time data synchronization and achieving 95% client satisfaction rate
- Architected and implemented performance optimization strategies including advanced code splitting and resource prioritization, yielding 40% improvement in core web vitals
- Orchestrated complete project lifecycles for 5+ concurrent clients while maintaining 100% on-time delivery rate

PROJECTS

DevFusion
Full-stack collaboration platform optimizing software team workflows
- Architected full-stack collaboration platform using React, Node.js, and Supabase
- Implemented enterprise security system using JWT authentication and role-based access control
- Engineered real-time collaboration features including code-aware chat and file sharing
- Integrated GitHub API for repository tracking and commit visualization

Nature Shot
Modern, high-performance photography showcase platform
- Developed responsive portfolio platform utilizing React and Tailwind CSS
- Implemented advanced image optimization system, achieving 65% reduction in load times
- Architected mobile-first design system using CSS Grid and Flexbox, achieving 100% responsive design across devices

Certifications

Harvard CS50
Computer Science
- **Concentrations:** Algorithms, Data Structures, Resource Management, Security, and Web Development
- **Focus On:** C, Python, SQL, JavaScript, HTML, and CSS
- **Related Coursework:** Advanced coursework in data structures, algorithms, and web development

Scrimba
Front-End Development
- **Concentrations:** Front-end web development and best practices
- **Focus On:** JavaScript, HTML, CSS, React, API's, and Accessibility
- **Related Coursework:** Over 80 hours of hands on tutorials, hundreds of coding challenges, and over a dozen of real-world projects

Meta
Back-End Development
- **Concentrations:** Back-end development and best practices
- **Focus On:** Python, Linux, SQL, Cloud Hosting, API's, JSON, and XML
- **Related Coursework:** 196+ hours of hands-on training in Python, Linux, SQL, and API development