

Hillary Bett

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Professional Summary

Frontend-focused Software Engineer with over two years of experience building fast, scalable, and user-friendly web applications using React and Next.js. Strong background in developing responsive interfaces, optimizing application performance, and implementing accessible design patterns. Detail-oriented developer with excellent problem-solving skills and a passion for creating seamless user experiences. Experienced in collaborating with cross-functional teams and delivering high-quality code in Agile environments.

Education

Bachelor of Science in Software Engineering

Kirinyaga University

Relevant Coursework: Web Development, Human-Computer Interaction, UI/UX Design, Database Systems

Technical Skills

- **Frontend Core:** React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3
- **Styling & UI:** Tailwind CSS, CSS Modules, Styled Components, Responsive Design, Figma to Code
- **State Management:** Redux, Zustand, Context API, React Query
- **Performance & SEO:** Next.js SSR/SSG, Image Optimization, Core Web Vitals, Lighthouse Audits
- **Testing & Debugging:** Jest, React Testing Library, Chrome DevTools, Component Testing
- **Accessibility:** WCAG 2.1 standards, Semantic HTML, ARIA labels, Keyboard Navigation, Screen Readers
- **Backend Integration:** RESTful APIs, GraphQL, Authentication (JWT, NextAuth)
- **Tools & Workflow:** Git/GitHub, Webpack, Babel, npm/yarn, Vercel, Netlify, Agile/Scrum

Experience

Software Developer — Teach2Give, Nyeri

2024 – 2025

- Developed responsive and interactive user interfaces using React and TypeScript, ensuring cross-browser compatibility and mobile responsiveness
- Built and optimized reusable component libraries to maintain consistency across applications and reduce development time by 30%
- Collaborated with UI/UX designers to translate Figma designs into pixel-perfect, functional React components
- Implemented state management using Redux and Context API for complex application states
- Optimized application performance through code splitting, lazy loading, and memoization techniques
- Conducted code reviews and mentored junior developers on React best practices and coding standards

- Integrated RESTful APIs and handled data fetching with proper error boundaries and loading states

Software Developer — Power Learn Project, Nairobi

2023 – 2024

- Built scalable web applications using Next.js with server-side rendering (SSR) and static site generation (SSG) for optimal performance
- Implemented dynamic routing and API routes in Next.js for seamless backend integration
- Developed responsive layouts using Tailwind CSS and modern CSS techniques
- Improved application SEO and Core Web Vitals scores through Next.js optimization features
- Collaborated in cross-functional teams using Git and Agile development practices
- Participated in daily stand-ups, sprint planning, and retrospectives in an Agile environment

Frontend Projects

E-Commerce Platform — Next.js, TypeScript, Tailwind CSS, MongoDB

- Built a full-stack e-commerce platform with product listings, shopping cart, and checkout functionality
- Implemented server-side rendering for product pages to improve SEO and initial load performance
- Created responsive, mobile-first UI with Tailwind CSS ensuring consistent experience across devices
- Integrated authentication using NextAuth with multiple providers (Google, GitHub)
- Optimized images using Next.js Image component for faster page loads
- Deployed on Vercel with continuous integration and automatic deployments

Automated PSV Seat Booking System — React, TypeScript, PostgreSQL, Tailwind CSS

- Developed an interactive seat selection interface with real-time availability updates
- Built reusable React components for consistent UI patterns across the application
- Implemented client-side form validation and error handling for better user experience
- Managed application state using Context API for seat selection and booking flow
- Created responsive dashboard for administrators to manage reservations

Certifications

Microsoft Azure Fundamentals (AZ-900)

Oracle Race to Certification

Power Learn Project Certification

Leadership & Community

Web Development Lead — Computer Society of Kirinyaga

- Organized React and Next.js workshops for fellow students
- Mentored junior developers in frontend best practices