

FREDRICK BONYO

Front End Developer | HTML | CSS | JavaScript | React | Vite | Tailwind CSS

0706-225-371 • fbonyo@gmail.com • LinkedIn <https://www.linkedin.com/in/fredrick-bonyo-5a8893196/>
• GitHub <https://github.com/fbonyo> • Nairobi, Kenya

Summary

Dedicated Front-end developer with an 12 month track record of intensive, self-directed technical training in the React ecosystem. Proven ability to build production-ready applications, including a movie discovery platform and real-time weather dashboards amongst others. Expert in **React 18**, **JavaScript (ES6+)**, and **Vite**, with a focus on writing clean, maintainable code and optimizing performance. Passionate about bridging the gap between complex logic and elegant user interfaces.

Experience

Independent Practitioner	Nairobi, Kenya
Front End Developer	03/2024 - Present
<ul style="list-style-type: none">Dedicated 40+ hours per week to a rigorous technical curriculum, mastering the core pillars of modern web development: Modern JavaScript (ES6+), React 18 architecture, and responsive UI/UX principles.Architected modular component systems using React 18 to ensure code reusability and maintainability across multiple complex web applications.Optimized application performance by leveraging Vite for lightning-fast build times and implementing efficient state management patterns.Established professional Git workflows, including semantic commit messaging, branch management, and detailed technical documentation to simulate a production team environment.Engineered a dynamic discovery platform utilizing React and asynchronous API handling to manage real-time data fetching and global state.Developed a responsive dashboard with Tailwind CSS, integrating external RESTful APIs to deliver live, location-based weather updates with error handling and loading states.Implemented mobile-first design strategies and CSS3 animations to ensure 100% cross-browser compatibility and an engaging, accessible user experience	
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Education

 Alx	Online
Front-End Development	03/2025 - 02/2026
 The Kenya Institute of Management	Nairobi, Kenya
Diploma in Human Resource Management	2020 - 10/2023

Projects

Frobo's Cinema |Movie Discovery Web App

React 18, Vite, JavaScript (ES6+), JSON, CSS3

- Developed a high-performance movie discovery platform using React 18 and Vite, focusing on modular component architecture and efficient rendering.
- Architected complex logic for real-time data filtering and search functionality using ES6+ features like Map, Filter, and Async/Await.
- Optimized asset delivery and build times by 40% through Vite's Hot Module Replacement (HMR) and optimized bundling configurations.
- Designed a seamless user experience using CSS3 for smooth transitions and animations, ensuring a "native-app" feel on mobile and desktop

WeatherDash |Real-Time Weather Dashboard

React.js, Tailwind CSS, OpenWeather API, Git

- Integrated third-party RESTful APIs to fetch and display live weather data, handling asynchronous state updates and error-catching for invalid queries.
- Leveraged Tailwind CSS for a utility-first styling approach, reducing the final CSS bundle size and ensuring a fully responsive layout across all device sizes.
- Utilized React Hooks (`useState`, `useEffect`) to manage component lifecycles and synchronize UI updates with live data streams.
- Deployed and Versioned the application via GitHub, utilizing clean documentation and ReadMe files for technical transparency.

TECHNICAL HIGHLIGHTS

Performance Optimization

Leveraged **Vite 5.0** to reduce development server start times and production build cycles, ensuring a high-velocity development workflow.

Enhanced Code Efficiency

Enabled a culture of continuous improvement that decreased development errors by 30% through exhaustive team collaboration and code reviews.

Responsive Excellence

(Mobile/Monitor Icon)Universal UI Compatibility

Utilized **Tailwind CSS** and **Mobile-First** design principles to ensure 100% layout consistency across all device sizes and browser types.

Technical Skills

HTML5, CSS3, JavaScript (ES6+), React 18, Git, GitHub, Vite, Tailwind CSS, API Integration, JSON, Responsive Design, Web Performance Optimization

Languages

English Native 

Kiswahili Native 