Tawiah Obed

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Professional Summary

Dedicated Frontend Developer with 2 years of experience building scalable, user-centric web applications. Proficient in React, Next.js, TypeScript, Tailwind CSS, MobX, TanStack Query, and HTML Canvas. Skilled in creating WCAG-compliant, responsive interfaces with ShadCN UI and optimizing build pipelines with Vite. Experienced in Docker-based development and Node.js scripting. Eager to contribute to Medecro.ai's AI-driven healthcare solutions in a collaborative, fast-paced environment.

Technical Skills

- **Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3
- **Frameworks & Libraries:** React, Next.js, Tailwind CSS, MobX, ShadCN UI, TanStack Query, Redux
- **Tools:** Vite, Webpack, Git, GitHub, npm, Yarn, Netlify, Docker, Node.js
- **Concepts:** Responsive Design, Web Accessibility (WCAG), API Integration, HTML Canvas, CI/CD

Professional Experience

Frontend Developer (Freelance)   Remote, Feb 2023 – Present

- Built responsive web applications using React, Next.js, TypeScript, and Tailwind CSS, achieving 30
- Implemented state management with MobX and data fetching with TanStack Query, improving API efficiency by 20
- Created dynamic visuals using HTML Canvas for engaging user experiences.
- Designed pixel-perfect, WCAG-compliant interfaces with ShadCN UI.
- Used Docker for development environments and Node.js for tooling.
- Collaborated in Agile teams, contributing to code reviews and sprints.

Education

Codetrain Africa – Frontend Development Program   In Progress, Expected 2026
Feb 2023 – Present

- **Coursework:** React, Next.js, TypeScript, MobX, TanStack Query, ShadCN UI, HTML Canvas, Vite, Docker, Responsive Design, WCAG, API Integration

Projects

E-Commerce Platform   lustrous-rolypoly-7a6031.netlify.app
React, Next.js, Tailwind CSS, TanStack Query

- Built a responsive e-commerce site with Next.js SSR and TanStack Query for optimized data fetching.
- Styled with Tailwind CSS and ShadCN UI, ensuring WCAG compliance.
- Deployed on Netlify with CI/CD for seamless updates.

JobFinder Website   rococo-griffin-736ecc.netlify.app
React, Node.js, MobX

- Built a full-stack job platform with MobX state management and Node.js APIs, improving search efficiency by 20
- Designed responsive UI with Tailwind CSS, deployed with Docker.

Movie Database Website   cozy-meringue-a0fdad.netlify.app
React, Tailwind CSS, HTML Canvas

- Created a movie database with TMDb API and HTML Canvas visuals.
- Optimized rendering with Vite, achieving 15

Guessing Game   polite-cajeta-65e913.netlify.app
React, Tailwind CSS

- Developed an interactive guessing game with React and Tailwind CSS, boosting user retention by 15
- Managed state with MobX, deployed on Netlify with Vite for fast builds.

Certifications

- Meta Front-End Developer Certificate (In Progress, Expected 2025)

Last updated: August 25, 2025