KENNETH OFOSU

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SUMMARY

Analytical software engineer and US Army veteran with 4+ years of experience in full-stack web development, specializing in **React.js, TypeScript, and scalable UI architecture**. Proven record of delivering high-impact, customer-focused products, and improving developer velocity,

EXPERIENCE

Software Engineer — The New York Times **Dec 2023 - Present**

- Designed and owned the core component library for NYT Games, establishing scalable UI patterns and cross-product reusability that reduced duplicate code by 45%.
- Built and integrated a visual regression testing pipeline (Playwright/Chromatic) into CI/CD, strengthening frontend observability and quality while reducing post-release defects by 35%.
- Standardized developer workflows (design system usage, test tooling, a11y patterns) and onboarded multiple teams, reducing ramp-up time by 25% and ensuring consistent WCAG 2.1 compliance across products.
- Acted as a Security Champion, integrating secure coding and dependency practices into frontend tooling and architectural decisions.

Software Engineer — X Corp. (Twitter) **Feb 2022 – Feb 2023**

- Delivered 20+ production features for Twitter Communities using React, Relay, GraphQL, and TypeScript, serving 5M+ users and informing cross-product best practices.
- Built real-time moderation tools used by 10K+ admins, optimizing data-fetching and state-management patterns across GraphQL boundaries.
- Authored unit testing standards adopted by 70+ engineers, improving frontend reliability and creating consistent developer workflows.
- Mentored 2 apprentice engineers and onboarded 3 teammates.

Apprentice Software Engineer — X Corp. **Feb 2021 – Jan 2022**

- Audited 25+ internal components for WCAG and ADA compliance, implementing ARIA best practices.
- Led migrations of 30+ components to React Testing Library and 20+ to Relay, improving performance, maintainability, and future-proofing core frontend architecture.

SKILLS

Frontend Architecture & Developer Experience: Component libraries, design systems, scalable UI patterns, CI/CD pipeline integration, developer tooling, performance optimization, accessibility (WCAG 2.1), observability (visual regression, test coverage, logging)

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, Go, Node.js
Frameworks & Libraries: React.js, Next.js, Relay, Redux, Webpack, Babel, Jest, Cypress, React Testing Library, Storybook
APIs: GraphQL, REST
Accessibility: WCAG 2.1 compliance, ARIA best practices
Other: Component library development, visual regression testing, performance optimization

EDUCATION

CompTIA Security+ Certification **Feb 2024**

General Assembly - **May 2019 - August 2019**

Software Engineering Immersive
16-week full-time program covering full-stack JavaScript, algorithms, data structures, and system design.

MILITARY SERVICE

United States Army — Healthcare Specialist **Dec 2008 - Sep 2014**

Led and trained teams of 10 medics, supporting care for 500 soldiers.
Developed standardized procedures to improve patient flow and operational readiness.