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**

- Reduced duplicate UI code by 45% and cut feature build time from 5 to 3 days by leading architecture, implementation, and documentation of NYT Games component library.
- Designed and integrated a visual regression testing suite into CI/CD pipelines, reducing post-release UI defects by 35% and saving QA teams 6 hours per release.
- Onboarded multiple teams to the library and testing workflows, shortening engineer ramp-up time by 25% and ensuring WCAG 2.1 accessibility compliance.
- Served as a Security Champion, advocating for secure coding practices, promoting cybersecurity awareness, and collaborating with security teams to integrate security considerations into technical decisions.

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

- Delivered 20+ features for Twitter Communities using React.js, Relay, Redux, and TypeScript, serving 5M+ active participants.
- Built moderation tools enabling 10K+ admins to manage conversations in real time via GraphQL APIs.
- Authored unit testing documentation adopted by 70+ engineers, improving onboarding and test coverage.
- 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.
- Migrated 30+ components from Enzyme to React Testing Library and 20+ from Redux to Relay, improving developer efficiency by 5% per feature.

SKILLS

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.