

Collins Quaye, UI/UX Engineer (Frontend)

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SUMMARY

UI/UX-focused frontend developer with experience designing intuitive web interfaces, creating wireframes and prototypes in Figma, and translating user-centred designs into scalable React applications. Skilled in usability testing, design systems, and AI-assisted design workflows to accelerate ideation and improve user experience.

TECHNICAL SKILLS

UI/UX: Figma/Figma AI, Photoshop, Illustrator, Wireframing, Prototyping, User Flows, Interaction Design, Responsive Layouts,

Frontend : React, JavaScript, HTML5, CSS3, Responsive Web Design, Git, Github

Tools: Git, GitHub, REST APIs, AI-assisted tools (Framer AI, ChatGPT, GitHub Copilot)

EXPERIENCE

White Opal Ltd

UI/UX Engineer (Frontend)

Sep 2025 - Present

Accra, Ghana

- Designed and built a fully responsive procurement platform, improving mobile usability and navigation flow by 40%.
- Developed scalable React components with Tailwind CSS and Framer Motion, reducing page load times by 30% and ensuring consistent UI patterns.
- Translated business requirements into intuitive user experiences through stakeholder collaboration and design iterations.
- Applied user-centred design principles to optimize layouts, interaction patterns, and visual hierarchy.
- Leveraged AI-assisted design tools (Figma AI, Framer AI) for rapid ideation, prototyping, and UI testing.

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UI/UX Engineer (Frontend)

Jan 2024 - Aug 2025

Accra, Ghana

- Designed and maintained web frontend for a swim school, focusing on client retention and education.
- Conducted user research and usability testing, iterating on design solutions to enhance engagement and accessibility.
- Implemented AI-powered design tools to explore alternative layouts and content optimizations.
- Fixed high-priority bugs and refactored legacy code, reducing application crash reports by **40%**.
- Conducted usability-driven design iterations to improve navigation clarity and user engagement.

PROJECTS

Nubian – E-commerce Clothing Website

- Built a responsive, mobile-first frontend using Vite, React, and Tailwind CSS.
- Designed reusable UI components for product listings, cart, and checkout flow.
- Applied UI/UX principles to improve navigation, accessibility, and conversion flow.
- Implemented state management for cart and product interactions for smooth user experience.
- Optimized performance and layout consistency across devices and browsers.
- Tools:** React, Vite, Tailwind CSS, JavaScript (ES6+), HTML5, CSS3, Git/GitHub, Responsive Web Design, REST APIs, Figma, AI-assisted development tools (ChatGPT, GitHub Copilot)

EDUCATION

GIMPA

Bachelor of Science in Public Administration

May 2025

Accra, Ghana

Achimota Senior High

General Art

sept 2017

Accra, Ghana

Certifications: Meta Frontend Developer certification

Softskills: Effective communication, Collaboration, High Agency, Customer Centric and Ownership

References

Available upon request