

## Kofi Bawuah Boakye

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[Github](#) | [Portfolio Website](#) | [LinkedIn](#) | [Instagram](#)

## Summary

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Goal-oriented software developer and UI/UX designer with 8+ years of experience in web and mobile development, branding and digital design. Skilled in remote collaboration, highly disciplined and committed to delivering quality solutions. Continuously stepping out of my comfort zone to gain hands-on experience, learn new technologies and stay updated on industry trends. Passionate about learning and practical problem-solving. Fluent in English(native), intermediate and beginner fluency in German and French respectively.

## Education

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**Ghana Technology University College | Accra, Ghana**

### Bsc Information Technology

Computational Math, Principles of Programming, Algorithm & Data Structures, Web Technologies, Artificial Intelligence, Software Reliability, Networking, etc.

## Skills

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React, React Native, JavaScript, Python, Project Management, Communication skills, English, Leadership, GraphQL, Node.js, .NET, MongoDB, PostgreSQL, HTML 5, CSS3, GitHub, AWS, Visual Studio, REST, Product Management, UI Design, UX, Test Automation, Adobe XD, Figma, Adobe Illustrator, Adobe Photoshop

## Experience

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### Development Institute of Business Solutions (DIBS)

#### Frontend Engineer | 01/2025 - Present

- Built NextJS reusable UI components for tables, modals, status tracking, approval flows and document interactions.
- Produced high-fidelity Figma prototypes for dashboards, contract details pages, workflow timelines, payment certification screens and mobile app interfaces.
- Defined stakeholder and user journeys for submitting and interacting with the system according to theoretical standards.
- Analyzed a comprehensive Diagnostic Study & System Design document to extract functional, operational and compliance requirements.

### Bonsu Capital | Accra, Ghana

#### Full Stack Developer | 08/2023 - 12/2024

- Built & Optimized a fund management platform handling client onboarding, verification, contributions, and investments.
- Implemented Optimistic Concurrency Control (OCC) to ensure data consistency in concurrent transactions.
- Integrated Paystack for real-time payment processing and webhook validation.
- Designed Analytics & Charting for fund performance, contribution trends, and investment growth.
- Developed Role-Based Access Control (RBAC for admins, fund managers, and clients).
- Ensured System Scalability with multi-fund support, secure transactions, and flexible investment plans.

## **Mrs Learning Bee | Australia, Sydney**

### **Remote Software Engineer | 07/2023 - 10/2023**

- Contributed to a Remix Run codebase, leveraging its server-side rendering and nested routing capabilities to build a performant and scalable web application.
- Developed and integrated a comprehensive invoicing feature, enabling users to generate, manage, and track invoices efficiently. This involved implementing database models, API endpoints, and UI components for seamless user interaction.
- Designed and implemented drag-and-drop functionality for the frontend, enhancing user experience by enabling intuitive item reordering and interaction.
- Worked on state management, API integrations, and UI enhancements, ensuring a seamless and optimized user experience across the application.

## **Polymorph Labs Company Limited | Accra, Ghana**

### **Product Manager | 09/2021 - 01/2023**

- Developed Puppeteer-based headless automation for various components across three web application suites, streamlining testing and workflow automation.
- Built a Next.js (SSG) + TailwindCSS responsive website for PAQ Technologies, ensuring optimal performance and modern UI/UX, and deployed it on Vercel for seamless hosting and CI/CD.
- Deployed a PostgreSQL database on a Virtual Private Server (VPS), configuring and optimizing it for performance and security.
- Created PostgreSQL database backups by generating and managing dump files, ensuring data integrity and recovery for Node.js-based applications.
- Conducted end-to-end testing of React.js web applications, ensuring robust interactions with an Express.js + GraphQL API backend.

## **Business Analytics Limited | Accra, Ghana**

### **.NET Application Junior Software Developer Apprentice | 01/2017 - 02/2017**

- Developed and maintained an ASP.NET-based accounting web application, ensuring efficient financial data management and user-friendly interactions.
- Implemented a dynamic combobox filtering system to fetch and display relevant data from the database, enhancing user experience and data accessibility.
- Designed and optimized SQL queries to handle complex transactional operations within the user model, ensuring accurate data retrieval and processing.
- Worked on database integration, improving the application's responsiveness and reliability.

## **SOFTtribe Ghana Limited | Accra, Ghana**

### **Junior Frontend Developer | 06/2016 - 07/2016**

- Designed and implemented responsive UI components using Bootstrap for an Angular-based website, ensuring a visually appealing and user-friendly interface.
- Customized Bootstrap styles and components to align with the application's branding and design requirements.
- Improved the application's responsiveness and cross-browser compatibility by leveraging Bootstrap's grid system, utility classes, and custom styling.
- Collaborated with developers to seamlessly integrate Bootstrap-based designs with Angular components, enhancing the overall user experience.