ALFRED DAMETEY KWAMI

Full-stack Developer | Python & Backend Development

+233 (0) 596456132 | kwamialfred124@gmail.com | LinkedIn | GitHub | portfolio

PROFESSIONAL SUMMARY

Passionate Full-Stack Developer with an interest in building modern, responsive, and functional digital solutions. Experienced in exploring frontend and backend technologies, developing web and desktop applications, and applying programming concepts to practical projects. Familiar with HTML, CSS, JavaScript, Visual Basic, and other development technologies. Currently gaining practical industry experience through internships, and real-world projects. Driven by problem-solving, continuous learning, and a commitment to developing efficient applications that address real-world needs.

EDUCATION

Bachelor of Science (BSc.) Information and Communication Technology Edu. *Jan 2025 – Present*

University Of Education (UEW), Winneba - Ghana

- **Relevant Coursework:** Data Structures & Algorithm, Web Development, Object-Oriented Programming, System Analysis, Computer Systems & Applications, Instructional Design, Event Driven Programming, Computer Networking, Database Management System.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C/C++, Visual Basic (.NET), JavaScript (ES6+), SQL, R
- **Frontend Development:** HTML5, CSS3, React, Responsive Web Design
- **Backend Development:** Flask, FastAPI, REST API Fundamentals
- **Databases:** MySQL, PostgreSQL, SQL Queries
- **Developer Tools:** Git, GitHub, Visual Studio Code, Visual Studio, PyCharm, IntelliJ IDEA, Xampp, Figma
- **Core Competencies:** Object-oriented programming, debugging, teamwork, communication, problem-solving, mentorship, research, creativity

EXPERIENCE

Web Development Intern – Codomax Digital Solutions *Sept 2026 – Oct 2026*

- Developed and refined responsive web interfaces using HTML, CSS, and JavaScript as part of a structured web development internship.
- Implemented interactive features, responsive layouts, and modern UI/UX practices across portfolio and web projects.
- Used Git and GitHub for version control, project management, and collaboration while building and documenting practical projects.

Frontend Developer - Remote *Jan 2023 – present*

- Designed and built responsive portfolio and landing page sites for clients using HTML, CSS, and JavaScript.
- Implemented accessibility best practices and cross-browser compatibility across all projects.
- Collaborated with clients to translate design mock-ups into pixel-perfect, interactive UIs.

PROJECTS

Sparkly Educational Website | *HTML, CSS, JavaScript, Git & GitHub, Figma/UI Designs, Vercel*
Live demo: sparklyy.vercel.app

- Designed and built a modern online learning platform designed to connect learners with industry experts and provide access to professional development courses.
- Built with JavaScript, HTML5, CSS3, responsive UI Design, Git/GitHub version control, and Vercel deployment.
- The website features courses categories, mentor profiles, educational resources, blog content and a responsive interface designed to provide a smooth and engaging learning experience across different devices.

Golden Fork Restaurant Website | | *HTML, CSS, JavaScript, Git & GitHub, Figma/UI Designs, Vercel*
Live demo: goldenfork.vercel.app

- Designed and built a modern and responsive restaurant website designed to showcase a restaurant's brand, menu, services, location, and reservation experience.
- Built with JavaScript, HTML5, CSS3, responsive UI Design, Git/GitHub version control, and Vercel deployment.
- The website focuses on clean visual design, responsive layouts, intuitive navigation, and a user-friendly interface across different screen sizes.

Personal Web Portfolio | *HTML5, CSS3, JavaScript, Tailwind CSS*
Live site: alfredkwamidev.vercel.app

- Designed a mobile-first personal developer portfolio using Tailwind CSS to showcase software projects and core competencies.
- Coded JavaScript functions to power smooth scrolling navigation, dynamic DOM updates, and interactive project repository cards.
- Built using clean, semantic HTML5 structure and optimized CSS styling for fast loading speeds across desktop and mobile devices.

Library Management System | *Visual Basic (.NET), MySQL, XAMPP, Visual Studio*
GitHub Repo: librarymanagementsystem

- Buit custom Windows Forms desktop navigation interfaces, interactive splash screens, and catalogue management in Visual Studio.
- Wrote SQL query logic to search, filter, and retrieve book repository records by ISBN, title, or author name.
- Programmed automated overdue fine calculation scripts that parse checkouts dated and auto-update member balance logs upon book returns.

Sales Predictor App | *Python, Flask, CSV*
GitHub Repo: salespredictorapp

- Developed a Flask-based application that accepts a month as input and generates a sales prediction.
- Used a CSV dataset to support the application's data-processing workflow.
- Applied Python programming to build application logic and process user input.
- Gained practical experience developing a web application using Flask.

LEADERSHIP & COMMUNITY ENGAGEMENT

- **Web Development Instructor:** Educated participants on the fundamentals on web development and guided them to create web applications.