ALFRED FIANYO

LinkedIn Profile | My GitHub | My Portfolio
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OBJECTIVE

Results-driven and highly skilled **Full Stack Software Engineer** with 2 years of professional experience in designing, developing, and deploying scalable web applications. with a robust foundation in programming and software development principles, and system architecture. Seeking to leverage my expertise and technical acumen to contribute to innovative projects within a dynamic and collaborative team environment.

EDUCATION

Software Engineering

UNIYAT Practical Institute - *October 2023*

UDEMY

- Complete Web Development from Scratch – HTML5, CSS3, and JavaScript [ES6+]

- Python Complete Course, CSS, JavaScript and PHP full course

- React.js Course, Tailwind CSS, Android Development Fundamentals, Networking Fundamentals

- Microsoft Fundamentals of Machine Learning

TECHNICAL SKILLS

- Languages: HTML5, CSS3, Sass/SCSS, JavaScript [ES6+], TypeScript, Java, Python

- Frameworks/Libraries: React.js, Next.js, jQuery, GSAP, Bootstrap, Tailwind CSS

- Developer Tools: VS Code, IntelliJ IDEA, Eclipse, Git, GitHub, Docker

- Familiar With: Node.js, Express.js, MySQL, MongoDB

EXPERIENCE

Software Engineer Intern
Fleet-Labs GH

- Contributed to code reviews and debugging processes, enhancing code quality, efficiency and implemented software solutions.

- Developed a freelance website using React.js, focusing on improving its functionality and user interface.

- Enhanced the company's main existing website using React.js, resulting in improved user engagement and performance.

Full-Stack Software Developer – Msoft Ghana Limited

- Developed a full stack e-commerce website with an admin dashboard.

- Built a school admission website using React.

COMPUTER SCIENCE FACILITATOR / TEACHER
STARIUA PREPARATORY SCHOOL | *November 2021 – Present*

- Developed and delivered comprehensive computing lessons, resulting in a 96.4% overall score for BECE candidates.

- Implemented diverse teaching strategies to accommodate different learning styles and needs.

- Collaborated with educators and community members to enhance educational programs and initiatives.

PROJECTS

Comprehensive School Management System Dashboard

- Developed a premium Management Information System (MIS) using **Next.js** and a **MySQL** database, streamlining operations for students, parents, teachers, and administrators. Key features included comprehensive management of student, parent, and teacher profiles, automated timetable generation, and real-time fee tracking, all supported by interactive dashboards for data visualization and detailed reporting.

- Implemented secure authentication methods with **bcrypt** and **Next AUTH**, enhancing user security and access control while improving system efficiency, transparency, and scalability for data-driven decision-making across the institution.

Inventory Management System

- Built a comprehensive inventory management system using Laravel.

- Enabled real-time updates and user-friendly interfaces for efficient product management.

Logistics Management System & Website

- Developed a comprehensive logistics management system featuring a public website for service viewing and shipment tracking, alongside an administrative dashboard for portfolio and service management, utilizing React.js and Node.js with Express.js.

- Implemented a secure backend API for data exchange and a robust user authentication system using bcrypt, enhancing operational efficiency and data security.

Android Quiz Application

- Developed an interactive quiz application for Android using **Java** and an external question API, featuring multiple question categories and providing real-time feedback through vibration and visual cues upon answer selection.

- Implemented a comprehensive results page displaying all questions and answers upon completion, with functionality to share results, enhancing user engagement and experience.

   Explore more projects at My GitHub | My Portfolio

CORE SKILLS

- Critical Thinking, Communication, Adaptability, Organization, Leadership, Multitasking, Reflectiveness, Microsoft Office Suit, Coding and Troubleshooting, Goal Oriented, API Development, Database Management, Version Control Systems, Collaboration.

LEADERSHIP EXPERIENCE

- Head of Academics at Stariua Preparatory School
  Successfully guided a cohort of BECE candidates in computing, achieving a 96.4% success rate.

- Development Team Lead
  Led a development team in the successful creation of a mortgage listing application, overseeing project planning, execution, and delivery while ensuring adherence to best practices and timelines.

- Head Prefect
  Served as Head Prefect in high school, representing the student body and leading initiatives to enhance school spirit and student engagement, while fostering a positive and collaborative environment among peers.