

YAW FOSU

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Portfolio: codehumps.netlify.app

Professional Summary

Computer Science student and aspiring full-stack developer with hands-on experience building web applications using JavaScript, React, Next.js, Node.js, Express.js, PHP, and SQL databases. Passionate about solving real-world problems through technology and continuously improving technical skills. Currently strengthening knowledge in Data Structures & Algorithms, software engineering, authentication systems, database design, and React Native mobile development. Strong collaborator, mentor, and self-driven learner with experience delivering practical projects from idea to deployment.

Education

Kumasi Technical University

BSc Computer Technology (Level 300)

Expected Graduation: September 2027

Adventist SHS, Bantama

General Arts

Completed: 2022

Technical Skills

Languages: JavaScript, TypeScript, PHP, Java, SQL

Frontend: HTML5, CSS3, Tailwind CSS, React.js, Next.js

Backend: Node.js, Express.js, REST APIs, Authentication & Authorization, CRUD Applications

Databases: PostgreSQL, MySQL, MongoDB (Basic)

Mobile: React Native (Learning)

Tools: Git, GitHub, Postman, VS Code, Vercel, Netlify

Computer Science: Data Structures & Algorithms, OOP, Problem Solving

Projects

Storeroom – Multi-User Inventory & POS Management System

Tech: Next.js, TypeScript, Node.js, Express.js, PostgreSQL

- Built inventory, sales tracking, stock monitoring and POS features.
- Developed APIs, authentication, dashboards and reporting functionality.

- Designed responsive interfaces and managed data workflows.

Live: storeroom-in.vercel.app

KlassRep – Location-Based Attendance Management System

Tech: Next.js, TypeScript, Node.js, Express.js, PostgreSQL

- Built attendance recording and reporting workflows.
- Implemented authentication and attendance management features.
- Improved accessibility and tracking of attendance records.

VeloxShop – Collaborative E-Commerce Platform

Tech: React, Next.js, Node.js, Express.js

- Collaborated with team members using Git and GitHub workflows.
- Integrated APIs and developed reusable frontend components.
- Participated in debugging, testing and feature implementation.

Leadership & Community

Student Technology Mentor

- Assisted students with HTML, CSS and JavaScript concepts.
- Organized peer learning sessions and practical coding exercises.

Campus Tech Community Member

- Participated in software development discussions and workshops.
- Contributed to collaborative problem-solving and project reviews.

Achievements & Interests

- Built and deployed multiple web applications beyond academic coursework.
- Continuously expanding skills in frontend, backend and mobile development.
- Interested in Frontend Engineering, Backend Engineering, Full-Stack Development and Software Engineering.