ANSAH FREDRICK OWUSU

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PROFILE

I am a driven and curious third-year Computer Science student with a solid background in programming and software development. Through my coursework and personal projects, I've gained hands-on experience with Python and JavaScript, and developed a strong understanding of data structures, algorithms, and database management. I enjoy solving real-world problems through technology and thrive in dynamic, team-oriented environments. I'm eager to apply my knowledge to impactful projects and continue growing in the ever-evolving tech landscape**.**

EDUCATION

BSc. Computer Science   **Expected September 2026**
Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana

W.A.S.S.C.E (General Science)   **September 2019 – September 2022**
Opoku Ware School

WORK EXPERIENCE

Teaching Intern, God's Heritage Academy(JHS)
August 2023 – December 2023

- Taught ICT during first-year break, covering computer fundamentals, Microsoft Word, PowerPoint, Excel and safe internet practices using Windows-based PCs.
- Guided students through hands-on computer lab activities, assisting with basic troubleshooting and application use.
- Demonstrated effective classroom communication and student engagement skills

August 2024 – December 2024

- Delivered Integrated Science lessons during second-year break, using practical demonstration, visual aids and simplified scientific models to improve student understanding.
- Applied leadership, time management, and instructional skills in a real-world academic setting.
- Built on prior teaching experience while continuing studies in Computer Science at KNUST.

ACHIEVEMENTS/AWARDS

Best Teaching Intern   18TH December, 2024   God's Heritage Academy

PROJECTS/RESEARCH EXPERIENCE

Event Planning Website

- Developed a full-featured event planning web application using React.js with Vite, Node.js and MongoDB.
- Integrated responsive design, form validation, and dynamic content loading.
- Includes user authentication, booking forms, testimonial carousel, video embedding, and newsletter sign-up.

Instagram Clone – Team Project

- Built with React Native for cross-platform mobile development.
- Implemented user authentication, photo uploads, likes, comments and profile management.
- Used Firebase for backend services including real-time database, cloud storage and authentication.

E-Commerce Website with Live Features – Team Project

- Developed a dynamic e-commerce web app featuring product listings, cart, checkout, real-time order updates.
- Implemented a live video streaming feature allowing vendors to go live and showcase products in real time.
- Integrated real-time chat for customer interaction during live sessions.
- Tech Stack: React.js, Node.js, Express, PostgresSQL and Prisma ORM.

Blog Website
- Developed a responsive blog website using Flask (Python), HTML/CSS.
- Implemented features like user authentication and CRUD operations for posts.

Personal Portfolio Website

- Designed a portfolio site using HTML, CSS, JavaScript, and React.js to showcase projects and skills.
- Includes contact form, project gallery, and GitHub integration.

PROFESSIONAL TRAINING/ CERTIFICATION

Introduction to Web Development	15th February -17th April, 2023	Udemy
Introduction to Microsoft Excel	2nd -30th June, 2022	Coursera
Introduction to Pyhon Development	1st September – 1st December, 2024	Udemy

LEADERSHIP EXPERIENCE

- Currently seeking opportunities to develop leadership experience

SKILLS AND ABILITIES

- Languages: Python, SQL, JavaScript
- Web Development: HTML, CSS, JavaScript, React.js
- Mobile Development: React Native, Firebase
- Problem solving, teamwork, analytical thinking, communication

REFEREES

Name: Mr. David Gyimah
God's Heritage Academy
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