EMMANUEL TETTEH DONKOR +(233)55-876-4881 ■Accra, Ghana ■ ■ ■

EDUCATION

Ghana Communication Technology University,Accra Bachelor of Science, Information Technology Thesis: Server Room Report Simulation

SKILLS

Sept 2019 - Nov 2023

Programming Languages & Frameworks Frontend Development

HTML, CSS, JavaScript, TypeScript, SQL React, Tailwind CSS, Vite

Backend Development Node.js, Express.js Tools & DevOps Git, Vite, XAMPP Cloud & Deployment Vercel, Render Design & Prototyping Figma, PlantUML Content Management Systems WordPress Generative AI OpenAI API, Claude (Prompt Engineering) Microsoft Office Suite Word, Excel, PowerPoint Personal Skills Excellent Communication, Problem Solving, Presentation Skills, Teamwork, Independent Work

INTERESTS

Software Engineering, Prompt Engineering, CyberSecurity, Computer Security, Systems Administration , UI/UX , Project Management , Mobile App and Web Developement, Machine Learning.

PROJECTS

Freelancer Website Development (GigSphere)

• Currently working on developing GigSphere, a cutting-edge freelancer website designed to facilitate connections between freelancers and clients.

• The project is aimed at creating a robust platform where freelancers can effectively present their skills and connect with potential clients, fostering professional growth and opportunities

• Utilizing React to create an interactive and user-friendly front-end system, ensuring a seamless user experience.

Church Attendance Management System Developed a comprehensive attendance management system for a church that efficiently track and manage member attendance. The system utilizes React for a dynamic user interface and Node.js with Express.js to handle server-side logic and API requests. All member data and attendance records are stored in a MySQL database. This system allows for:

• Weekly Check-in: Members can easily check in every Sunday to record their attendance.

• Data Management: The system securely stores detailed member information and

attendance history.

• Reporting: It provides church administrators with detailed attendance reports for all members, offering monthly and yearly overviews to help track attendance.

Online File Converter and Editor (FileSwitch)

• FileSwitch, a free online platform that allows users to convert their files to various formats and provides an inbuilt file editor for writing and editing documents.

• Using React for the front-end development to create an intuitive and user-friendly interface.

• Employing Python for the back-end development to handle file conversions and processing efficiently.

Typing Skills Enhancement Website (RapidWrite)

• Designed and built RapidWrite, a website aimed at helping users improve their typing skills and words per minute (WPM).

• Utilized HTML and CSS to create an engaging and user-friendly front-end interface

• Implemented JavaScript to handle the logic for real-time typing tests, performance tracking, and feedback.

Front-End Development of E-Commerce Site (Steps)

• Designed and built the complete front-end for Steps, an e-commerce website aimed at providing a user-friendly and intuitive shopping experience.

• Utilized HTML, CSS, and JavaScript to create a highly interactive and visually appealing interface.

URL to QR Code Converter System

• Developed a system to convert both hosted and localhost URLs into scannable QR codes, allowing users to easily generate QR codes for any web address

Online Therapy Chat Site

• Designed and implemented an online therapy chat site aimed at addressing and mitigating the effects of social media on mental health.

• Developed a comprehensive chat platform to provide users with access to mental health support through online communication. Skills Utilized are HTML, CSS, JavaScript, MySQL and User Interface (UI) Design

PROFESSIONAL EXPERIENCE

Don-Setho Enterprise - Everyday Pac Manufacturing Campany Software Engineer and

Data Analyst November 2024 - Present.

• Designed and developed internal web tools using React and Node.js to streamline production tracking and reporting.

• Collected and cleaned production and consumption data to monitor key performance indicators (KPIs).

• Created interactive dashboards with tools like Excel, Google Data Studio, or custom front-end components to visualize plant performance metrics.

• Conducted descriptive and diagnostic data analysis to uncover trends and improve operational efficiency.

Union Systems Global Limited, Accra Entry Level Software Engineer November 2023 - October 2024

• Automated Clearing House (ACH) : Contributed as a team member in building an Automated Clearing House (ACH) system, designed to streamline and automate electronic payment transactions. Utilized React Node.js and MySQL for database management.

• Reports App: Built the frontend of Flutter-based mobile application that provides a centralized and real-time reporting tool for a bank's head officer manager. The app delivers a detailed breakdown of all transactions that occur across every branch on a daily basis. It consolidates data from all bank branches, giving a single, holistic view for effective oversight.

• Collaborated with the team to design and build an Audit Log System, ensuring secure and efficient logging of activities in the database.

• Designed the login screen for a mobile banking application, enhancing which contributed to a 25% increase in user authentication efficiency

• Worked with a Full Stack Developer to identify and resolve issues in an API Integrator software, leading to a 40% reduction in integration errors and improved system performance.

Skygren Limited, Adenta

IT Support Intern - Drone Systems

June 2023 - September 2023

• Diagnosed and troubleshot both minor and complex issues on DJI drones, leading to a 35% reduction in downtime and increased operational efficiency

• Conducted testing and flew repaired drones to validate repairs, resulting in a 20% increase in flight reliability and safety

• Supported senior staff with software updates and configurations, enhancing

system capabilities and performance by 25%

CERTIFICATION

Completed a course in frontend development, acquiring skills in HTML, CSS, and JavaScript for creating re-sponsive and interactive web interfaces.

• Google: Introduction to Cybersecurity Jan 2024 - Mar 2024 Completed a foundational course in cybersecurity, gaining essential knowledge in protecting systems and data from cyber threats and vulnerabilities.

LEADERSHIP EXPERIENCE

• Led a team in the design and development of an online therapy platform, overseeing project execution and ensuring successful delivery

Project Leader - Freelancer Website ■June 2024

• Directing a team in designing and building a freelancer website, managing all phases of the project from planning to implementation

VOLUNTEERING EXPERIENCE AND EXTRACURRICULAR ACTIVITIES

Volunteering ■Community Outreach and Support ■Dec 2022

• Contributed to a mission focused on delivering medical aid, food, and clothing to needy communities.

Mentoring ■Tech Industry Career Guidance Presentation ■Nov 2023

• Delivered an engaging presentation to junior high students about career opportunities in the tech industry, offering valuable insights and guidance on career paths.

Inspirational Speech on Tech Careers ■Aug 2023

• Gave a motivational speech to junior high students on the tech industry, providing inspiration and career advice to help them explore future opportunities.