**EMMANUEL TETTEH DONKOR** +(233)55-876-4881 *⋄*Accra, Ghana   
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**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)** [Site](https://file-switch.vercel.app/)

• 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)** [Site](https://rapid-write-omega.vercel.app/)

• 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)** [Site](https://steps0.netlify.app/)

• 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**

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| --- | --- |
| • **Meta: Introduction to Frontend Development** | Jan 2024 - Feb 2024 |

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**

|  |  |
| --- | --- |
| **Project Leader - Online Therapy Platform** | May 2023 |

• 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.