

Daniel Adetaba Adongo

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Software Developer

Versatile Software Developer with a strong foundation in **Next.js, React, and Node.js**, dedicated to building digital solutions that drive Africa's digital transformation. Expertise in translating complex requirements into seamless web interfaces and integrating secure RESTful APIs. With a unique background in **statistics** and experience at the **2BN Military Hospital**, I bring a deep understanding of healthcare data integrity and user-centric design. Passionate about contributing to **BawaHealth** to make quality healthcare accessible through innovative telemedicine and hospital management solutions.

Technical Skills

- **Frontend:** Next.js, React, JavaScript (ES6+), TypeScript, HTML5, CSS3, **Tailwind CSS**.
- **Backend & API:** Node.js, Express.js, **RESTful API Integration**, JWT Authentication.
- **Database:** PostgreSQL, SQL, MongoDB.
- **Tools:** Git/GitHub, Agile/Scrum, CI/CD, Figma-to-Code Translation.
- **Soft Skills:** Problem-solving, attention to detail, team collaboration, passion for tech & Healthtech.

Professional Experience

Software Developer (Projects & Freelance)

2023 – Present

- **Frontend Development:** Architected and deployed full-stack applications using **Next.js and React**, ensuring high performance and mobile responsiveness.
- **API Integration:** Successfully integrated **RESTful APIs** and implemented secure authentication flows using **JWT**, directly applicable to patient/doctor dashboard security.
- **UI/UX Implementation:** Transformed design concepts into clean, maintainable code, prioritizing accessibility and user experience.
- **Version Control:** Managed complex codebases using **Git/GitHub workflows**, collaborating in Agile environments to meet project milestones.
- Designed and deployed a **Student Management System (SMS)** [<https://st-augustine-college-sms.vercel.app/>] using Next.js, facilitating the digital transformation of academic data tracking for 500+ students.

Mathematics Tutor
St. Augustine's college

2018-2024

- Assessed over 100 students' performances in a semester through various tests, customized **Health Insurance Officer** student assignments to suit individual ability level, and structured and mathematics curriculum based on weighted average class score.
- Updated course materials, content, and delivery for more than 300 students enhance learning.
- Selected as a mathematics coach and facilitated 300+ students to identify problems impeding math education.
- Tracked over 90% of students' progression in class and provided prompt, targeted intervention.
- Implemented mathematical software to improve student understanding, resulting in 90% higher exam pass rates.
- Scheduled, designed, and executed multiple assessments for at least 45 students in a class to prepare for WASSCE.
- Tracked all student attendance and performance, intervening early in concerning issues.
- Evaluated students using standardized criteria to determine abilities and learning needs.

Ghana Armed Forces (37 Military Hospital)

2016-2018

- Negotiated on behalf of organizational leadership and members.
- Prepared notices, plans and charts to support presentations.
- Directed program implementation and monitored performance to inform improvement strategies.
- Kept abreast of new law enforcement techniques and methodology, maintaining strong knowledge of emerging industry advancements.
- Gave public lectures to 50+ workers of the hospital on annual reports received from the vetting committee.
- Conducted monthly vetting of over 1000 claims from all department of the hospital and ensuring 100% accuracy in submissions the claims for payment.
- Advocated for employment of data entry clerks in each ward of the hospital resulting in significant 70% reduction in client queuing time.
- Implemented mentoring and training programs for over 30 internship students working with the hospital, providing valuable guidance and support.

Education

Degree in Software Development
Brigham Young University

2024- 2027

- Relevant coursework includes web development, web and computer programming, and software development.

Google Data Analytics Certificate (Coursera) 2025

- Coursework includes data cleaning, visualization, SQL for data analysis, R programming, and applied statistical methods.

Certificate in Software Development 2024

Brigham Young University

- Relevant coursework includes Dynamic Web Fundamental, programming, and web frontend development.

Pathway Connect 2023

Brigham Young University (Pathway Worldwide)

- Relevant coursework includes Introduction to Programming, University Skills, Life Skills, and Professional Skills.

Post Graduate Diploma in Education 2021 - 2023

University of Education Winneba

- Relevant course work include: Educational Technology, School Administration and Management, Psychological basis for Teaching and learning, General Methods, Techniques and skills of Teaching, Mathematics Methodology

Bachelor of Statistics 2012 - 2016

Kwame Nkrumah University of Science and Technology

- Relevant course work include: Statistical method and computing, Communication Skills, Accounting, Experimental, Regression Analysis, Experimental Design, Economics, Mathematical Methods and Research Methods