

Benjamin Kofi Yankey, Software Engineer

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PROFILE A creative thinker, adept in software development and working with various data structures.

EDUCATION BSc. Computer Science, Kwame Nkrumah University of Science and Technology (KNUST)

Sep 2021
— Sep
2025

- **Program:** Bsc. Computer Science
- **Relevant courses:** Data Structures and Algorithms , Software Engineering, Machine Learning and AI , Web Development , Cybersecurity , Networking and Communication, Data Science.
- **Academic Standing :** Yet to graduate

Kumasi, Ghana.

SKILLS	Proficiency in languages such as Python, JavaScript, Java, C#, C++.	Expert	Understanding branching, merging, and pull requests. Development Tools	Expert
	Understanding of language-specific paradigms (e.g., object-oriented, functional programming). Data Structures and Algorithms	Expert	Coaching	Expert
	Strong grasp of fundamental data structures (arrays, linked lists, trees, graphs)	Expert	Team collaboration and building	Expert
	Understanding of algorithms (sorting, searching, dynamic programming, etc.). Version Control	Expert	Experience with web development (HTML, CSS, JavaScript, React, Node.js).	Expert
	Proficiency with version control systems like Git.			

Certifications

Software Engineer-IPMC Ghana

FreeCodeCamp cert in

Academic MediCo: A Telemedicine Web-Based Application

Project:

Developed a web-based application named MediCo to improve healthcare access by facilitating virtual consultations between patients and healthcare providers.

Virtual consultations: Patients can schedule and attend remote medical consultations with healthcare professionals.

Lab report management: Allows users to manage lab test results securely within the application.

Home care services: Provides a platform to arrange for medical professionals to offer home care services, enhancing healthcare delivery beyond traditional settings.

Technical Contributions: Full-stack development skills were applied in building the web application, focusing on user-friendly interfaces and secure data handling for healthcare records.

Social Impact:

This project addresses the growing need for accessible healthcare, especially in under-served areas where traditional healthcare delivery may be limited. By connecting patients with medical providers remotely, MediCo improves healthcare access, reduces wait times, and contributes to overall community well-being.

REFERENCES

References available upon request

WORK EXPERIENCES

INTERNSHIPS

Oct 2022 — Nov 2022	Tranee software Developer, Amalitech	Takoradi, Ghana.
	<ul style="list-style-type: none">Assisted in developing and maintaining web applications using technologies such as JavaScript, HTML, CSS, and frameworks like React.Participated in code reviews, providing feedback to peers to ensure code quality and adherence to best practices.Gained experience with version control systems like Git and collaboration platforms like GitHub.Developed strong analytical and problem-solving skills by addressing complex software issues.Overcame this by dedicating extra hours to self-study and seeking mentorship from experienced colleagues.Navigating and understanding large and complex codebases required significant effort.	

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- Professional Growth: The experience contributed to personal and professional growth, building confidence in technical abilities and collaboration skills.

AWS Trainee – Amalitech

Date: [September-2024]

- Acquired essential cloud computing skills, focusing on building scalable and efficient systems.
- Enhanced problem-solving approach with an emphasis on flexibility and scalability in modern technology solutions.

EXTRA-CURRICULAR ACTIVITIES

University Science Committee Member, Kwame Nkrumah
University of Science and Technology Kumasi, Ghana
School of Science - KNUST Kumasi,
Ghana Publicity Committee 2023

- Encouraged and promoted social events and conferences organised by the School of Science
- Made a social media publication of all events to be kicked off

Dec 2020 Assistant Science & Math club Prefect, Baidoo Bonsoe Senior High
Technical School Sekondi-Takoradi
Assistant Prefect for Science and Maths club