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LINKS     LinkedIn: [https://www.linkedin.com/in/benjamin-yankey-972806238?utm\\_source=share&utm\\_campaign=share\\_via&utm\\_content=profile&utm\\_medium=android\\_app](https://www.linkedin.com/in/benjamin-yankey-972806238?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app)

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

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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
- Academic Standing : Yet to graduate

Kumasi, Ghana.

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

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## Certifications

Software Engineer- IPMC Ghana

Freecodecamp cert in HTML AND CSS

AWS Certified

Cloud

Practitioner

Amazon Web

Services(AWS)

January, 2025

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## 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 underserved 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.

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## REFERENCES

<https://github.com/Benjamin-yankey/Certificates>

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## WORK EXPERIENCES

### INTERNSHIPS

Oct 2022 — Nov 2022 Trainee software Developer, Amalitech

Takoradi, Ghana.

- 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.

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

**AWS Trainee – Amalitech**

**Date: [September-2024]**

- **Enhanced problem-solving approach with an emphasis on flexibility and scalability in modern technology solutions.**
- Understanding of the core concepts of cloud computing, including the cloud deployment models (public, private, hybrid) and the benefits of cloud computing (scalability, flexibility, cost efficiency).
- Understanding of AWS global infrastructure including availability zones, regions, and edge locations. Knowledge of building resilient and cost-effective solutions using AWS services.
- **Security and Compliance in the Cloud**  
Awareness of AWS security best practices (e.g., the principle of least privilege, multi-factor authentication, and encryption). Understanding of AWS compliance programs and global standards (e.g., GDPR, HIPAA).
- **Business and IT Alignment**  
Awareness of how AWS solutions help businesses align IT infrastructure with business goals through scalability, flexibility, and quick adaptation to changing market conditions.
- **Acquired essential cloud computing skills by studying foundational principles of cloud architecture, focusing on building scalable, efficient, and resilient systems using AWS services. Gained hands-on knowledge in deploying AWS EC2 instances, managing S3 storage, and leveraging AWS Lambda for serverless computing. Demonstrated an understanding of AWS's global infrastructure, ensuring high availability and cost-effective cloud 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