

# Amos Adu Mensah

## Software Engineer

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### PROFILE

Results-driven and innovative Software Engineer with a strong foundation in software development and a passion for creating efficient and scalable solutions. Proven ability to analyze complex problems, design effective algorithms, and deliver high-quality code within established timelines.

### SKILLS

#### Programming Languages

JavaScript, Python

#### API Development

Python FastAPI

#### Containerization

Docker

#### Version Control

Git, GitHub, GitLab

#### Database Management

PostgreSQL, MySQL

#### Testing

Pytest, Cypress

#### Ticketing System

Zammad Helpdesk

#### Web Development

Vue JS, Nuxt JS, Python  
Flask, Wordpress

#### Moodle LMS

#### LDAP Integration

Microsoft AD

### PROFESSIONAL EXPERIENCE

**The Quantum Group Limited,**  
*Software Engineer (Front-End Engineer)*

01/2023 – present

#### Develop and Maintain Software Applications:

- Design, code, test, and debug software applications according to project specifications.
- Implement software solutions based on user requirements and functional specifications.
- Maintain and update existing software to improve performance and adapt to new requirements.

#### Collaborate with Cross-Functional Teams:

- Work closely with product managers, designers, and other engineers to gather and define technical requirements.
- Participate in code reviews and provide constructive feedback to peers.
- Collaborate with QA teams to ensure high-quality software delivery.

#### Security and Compliance:

- Implement security best practices in software design and development.
- Ensure compliance with relevant industry standards and regulations.
- Conduct security audits and vulnerability assessments on software applications.

#### Documentation:

- Prepare and maintain documentation for software applications, including user guides and technical manuals.
- Document software designs, coding practices, and system configurations.

**Regional Maritime University,**  
*Graduate Teaching Assistant*

10/2021 – 10/2022 | Ghana

#### Assisting Lecturers with Lecture Slides and Scripts Marking:

- Collaborated with lecturers to prepare and organize lecture materials, including creating and updating PowerPoint slides and other visual aids.
- Assisted in the evaluation of student assignments and exams by grading scripts, providing constructive feedback, and maintaining accurate records of student performance.

#### Web Application Development:

- Designed and implemented a web-based application to manage and schedule ICT department resources, such as lab timetables and e-library access.
- Collaborated with department staff to gather requirements, develop features, and test the application to ensure it met user needs.
- Provided training and support to staff and students on how to use the new application effectively.

## EDUCATION

**Kwame Nkrumah university of science and technology,** *Bsc. Computer Engineering*  
second class honors (upper division)

2017 – 2021 | Ghana

**Adisadel College,** *General Science*

2013 – 2016 | Ghana

## PROJECTS

**Sage Trading Website** [🔗](#)

**Arch Holdings Website** [🔗](#)

**Power Fuels Website** [🔗](#)

**Remcash Ghana Website** [🔗](#)