

PAPA YAW ADU-ASARE

❖ github.com/papayaw007 ❖ [linkedin.com/in/papa-yaw-adu-asare-226630212](https://www.linkedin.com/in/papa-yaw-adu-asare-226630212) ❖
papayawaduasare@gmail.com

EDUCATION

Ashesi University – Accra, Ghana

Major: Computer Engineering

Honors: Dean's List 2023

Relevant Coursework: Object-Oriented Programming (Java), Intermediate Computer Programming (JAVA), Operating Systems, Introduction to Data Science, Software Engineering.

EXPERIENCE

Ssessa – Remote

October, 2023 - Present

React Developer Intern

- Collaborated with UI/UX teams to design and develop responsive dashboards and intuitive user interfaces.
- Worked with backend developers to seamlessly integrate RESTful APIs, ensuring efficient data flows and functionality of front-ends.
- Implemented Redux Toolkit for state management, optimizing global state handling and maintaining consistency in applications.

Backslash – Remote

November, 2023 - September 2024

Frontend Engineer Intern

- Developed a comprehensive dashboard facilitating seamless data entry, editing, and front-end display, enhancing data management efficiency.
- Engineered and implemented React components, contributing to the responsive web design of a client-facing website.
- Collaborated with cross-functional teams to ensure cohesive integration of front-end elements with back-end systems

Ecobank PLC – Accra, Ghana.

July 2022 - September 2022

Software Engineer Intern

- Developed and implemented a multi-country front-end portal enabling sub-branches across six countries to efficiently onboard new merchants for the bank's services.
- Designed and implemented an automated system for streamlining job application processing, including real-time alerts to HR and intelligent assignment to appropriate personnel.

PROJECTS

Automated Number Plate Recognition System on the Edge

[Project Link](#)

- Developed an Automatic Number Plate Recognition (ANPR) system using edge computing
- Implemented real-time traffic violation detection for red light infractions
- Utilized machine learning algorithms for accurate number plate recognition
- Integrated OpenCV for image processing on Raspberry Pi hardware using Python
- Designed a web interface for live display of traffic violation data.

Quiz App

[Project Link](#)

- Developed an interactive quiz application with dynamic scoring functionality with React
- Implemented real-time feedback system, displaying correct and incorrect answers.
- Designed an end-of-quiz summary displaying total correct responses.

SKILLS

- **Programming languages:** Python, PHP, JavaScript
- **Worked with:** React, Laravel, HTML 5, CSS 3, MySQL
- **Other Skills:** Design Thinking, Public Speaking, Efficient Teamwork,

CAMPUS INVOLVEMENT

- **Ashesi Student Council**, *Executive Officer*, Ashesi University, Spring 2020
- **Service Learning Project**, *Project Lead*, Ashesi University, September 2021