

EMMANUEL ACQUAH

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EXPERIENCE

Software Developer Intern, Youbloom

2026

Live music event ticketing platform | youbloom.com

- Built React/TypeScript features for a multi-role event ticketing platform serving Fans, Artists, and Event Creators.
- Developed role-specific dashboards and workflows for event discovery, artist management, ticketing, and event creation.
- Integrated authentication, Stripe payments, QR-based ticket check-in, and multi-currency support into frontend workflows.
- Delivered responsive production UI using React, Tailwind CSS, Axios, React Context, and Playwright.

Software Developer Intern, XAVS Labs

Oct 2025 – Mar 2026

AI and security solutions company | xavslabs.com

- Built frontend features for an AI and analytics-focused product, creating interfaces for data-driven workflows.
- Developed dashboards presenting analytics and research data.
- Evaluated Recharts, D3.js, and ECharts to choose the right approach for interactive data visualization.
- Collaborated with the engineering team to build and iterate on production features.

Software Developer Intern, SwapGPA

Dec 2025 – Jan 2026

Campus marketplace for University of Ghana students | swapgpa.com/ug

- Built marketplace features using Next.js and TypeScript.
- Developed user-facing functionality backed by PostgreSQL and integrated Stripe payments.
- Implemented and refined marketplace workflows across the application.
- Contributed to a full-stack product, from frontend features through backend integrations.

SOFTWARE PROJECTS

FreeCron – Cron Job Scheduling Platform

TypeScript, Node.js, PostgreSQL, Redis, Docker

- Built a backend scheduling system for creating, scheduling, and executing recurring jobs.
- Designed separate scheduler and worker components for background job execution and recovery.
- Implemented persistent job state and recovery logic for jobs that become due.
- Containerized the system with Docker and integrated PostgreSQL and Redis.

JobFaster – Resume Builder & Job Tracker

jobfaster.org

Next.js, TypeScript, PostgreSQL, Docker, Fly.io

- Built a resume platform with 70+ templates and job-tracking functionality.
- Implemented scheduled background tasks and persistent file storage.
- Containerized and deployed the application on Fly.io using Docker.

EDUCATION

Ghana Communication Technology University, Accra, Ghana

Expected 2028

BSc Computer Science | CGPA: 3.52 / 4.00

Relevant Coursework: Data Structures & Algorithms, Computer Networks, Operating Systems, Databases

SKILLS

Languages: TypeScript, JavaScript, SQL

Frontend: React, Next.js, React Native, Tailwind CSS

Backend: Node.js, Express, Laravel, REST APIs

Databases: PostgreSQL, MySQL, Redis, Firebase

Cloud & Infrastructure: AWS, Docker, Linux, Virtual Machines, Networking, VPC, EC2

Tools: Git, GitHub, Jest, Playwright