

# RICHMOND ADU-KYERE

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## Software Engineer

### EDUCATION

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#### ACCRA TECHNICAL UNIVERSITY

July 2018 - Sept 2022

##### Major in Electronics Engineering

Relevant Coursework: Software Engineering; Artificial Intelligence; System Design; Electric Circuit Design

### WORK EXPERIENCE

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#### SOCIALVILLE

Remote

Full Stack Developer - Contract

Feb 2023 – Feb 2024

- Developed front-end user interface using React Native and JavaScript for iOS and Android mobile applications.
- Developed, deployed and scaled Pamp App SaaS on App and Play Store.
- Collaborated with designers on UI/UX design decisions for Web and native apps..
- Built and maintained reusable React components with Typescript and Test Driven Development

#### ACCRA TECHNICAL UNIVERSITY.

Accra

Teaching Assistant and Software developer

June 2020 – Sep 2022

- Taught two hundred students primary programming languages: Javascript, C++, Python, Arduino Programming and IoT.
- Led the transition to a paperless practice by implementing an electronic booking system and a faster, safer, and more accurate business system; reduced cost of labor by 30% and office overhead by 10%
- Generated hundreds of tech project ideas in Electronics and Computer science for final-year students.
- Contributed to and maintained software. This includes reviewing five software apps that connect electronic devices to the internet and student assessment.
- Developed new project solutions by introducing software that cut the project hardware cost by 50%.

#### Freelancer

Hybrid

Software Developer

March 2017 – July Present

- Successfully designed and implemented embedded software solutions for various projects.
- Collaborated with clients to understand project requirements and delivered solutions that met or exceeded expectations.
- Demonstrated proficiency in working with embedded systems, ensuring optimal performance and reliability.
- Effectively managed multiple freelance projects, ensuring timely delivery and client satisfaction in AI, Web Design and Embedded Systems..
- Coordinated with clients to define project scopes, timelines, and deliverables.

#### E2lab & Larmix Techtronics

Hybrid

Robotics - Internship

Dec 2015 – Jan 2017

- Proficient in Robotic tools, contributing to innovative solutions in system design, firmware programming, and embedded systems.
- Actively contributed to training initiatives, imparting knowledge in primary programming languages, conducting workshops, and organizing coding awareness events.
- Hands-on experience in robotics, specializing in Lego Mindstorms EV3 and Arduino platforms.
- Designed and implemented embedded software solutions, demonstrating a deep understanding of robotics principles..
- Created my first Robotic arm for picking and sorting

### ACTIVITIES

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#### IoT AND STEM SOCIETY

Accra

Member of Events

Sept 2017 – Present

- Member of the first-ever Business Series to organize Coding awareness and training for 500+ students across Ghana

- Organized and advertised 15+ quarterly networking and meet-up events with 300+ participants in 5 universities in Ghana

## ADDITIONAL

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**Technical Skills:** Software Development(Javascript/Typescript, React, Angular, React Native,Swift, NodeJs/Express , Ruby on Rails , Git , Postgresql, MongoDB), System Design, Artificial Intelligence(GPT, General AI, Machine Learning) , Python Programming ,Testing(Unit testing, Integration testing, Documentation and Reporting,), Devops(AWS Cloud, Azure cloud, Google Cloud)

**Tools:** Git, Selenium,Chai, Postman, Jasmine, Crucible, Github,VsCode, Zoom

**Professional Skills:** Training, Teamwork, Leadership, Mentoring ,Quality Assurance, Remote work