

Richard Kweku Aikins

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Software Engineer | Mobile | Web | Cloud Solutions
Architect

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Professional Summary

Versatile Software Engineer with 8+ years of expertise in mobile application development and backend systems. Specialized in Flutter, Laravel, and Vue.js with a proven track record of architecting and deploying robust cloud-based solutions. Experienced in leading cross-functional teams and managing projects from conception to deployment. Passionate about domain-driven design and modular architecture approaches for scalable applications.

Technical Skills

Flutter/Dart

Laravel

Python

RESTful APIs & GraphQL

AWS/GCP

Node.js

Machine Learning

CI/CD Pipelines

UI/UX Design Principles

JavaScript (Vue.js/React.js)

Database Design (MySQL, PostgreSQL, MongoDB, Firebase)

Professional Experience

Mobile Application Developer

July 2024 - May 2025

Ownkey

Accra, Greater Accra Region, Ghana

- Designed and implemented a cross-platform mobile application that increased user engagement by 40% within the first 3 months after launch.
- Led the architecture and development of a modular Flutter codebase following domain-driven design principles, improving code maintainability and team velocity.
- Integrated advanced features including real-time data synchronization, biometric authentication, and offline functionality, enhancing user experience.
- Implemented robust CI/CD pipeline reducing deployment time by 60% and improving code quality through automated testing.

Head of Information Technology

December 2023 - Present

Free PAD Alliance

Accra, Greater Accra Region, Ghana

- Spearheaded the development of a comprehensive digital platform reaching over 50,000 users, amplifying the NGO's message and mission globally.
- Architected and deployed a cloud-based infrastructure on AWS, reducing operational costs by 35% while improving system reliability and scalability.
- Built a custom CMS using Laravel and Vue.js that streamlined content management processes by 70% for non-technical staff.

Mobile Application Developer

March 2023 - August 2024

ARK Softwarez

Winneba, Central Region, Ghana

- Developed and launched 7 successful Flutter and web applications for various clients across different industries, generating over \$100K in revenue.
- Implemented complex state management solutions using BLoC pattern and Provider, resulting in performant and responsive applications.
- Created reusable component libraries that reduced development time for new projects by 40% while maintaining consistency.
- Designed and implemented secure RESTful API integrations with Laravel backends, ensuring data integrity and optimal performance.

Chief Technology Officer

March 2021 - July 2023

Bukyia - Expand Your Food Brand With Zero Capital

Greater Accra, Ghana

- Led the technical vision and development of a comprehensive food business platform that onboarded over 200 small food entrepreneurs in the first year.
- Architected a scalable microservices infrastructure using containerization and cloud services, enabling seamless growth as the platform expanded.
- Developed a Flutter-based mobile application on a Laravel-based API with integrated payment systems and logistics tracking that achieved a 4.3/5 star rating on app stores.
- Implemented machine learning algorithms for demand forecasting that reduced food wastage by 25% for vendors on the platform.

GDSC Lead

August 2021 - August 2022

Google Developers Group, University of Education, Winneba

Winneba, Ghana

- Grew the developer community from 35 to 250+ active members through strategic outreach

and engaging technical workshops.

- Organized and facilitated 20+ hands-on workshops on Flutter, Firebase, and Google Cloud technologies, empowering students with practical skills.
- Led a team of 10 core members in organizing a successful Solution Challenge that solved local community problems using technology.
- Mentored over 50 student developers who went on to secure internships and job opportunities in the tech industry.

Software Engineer

December 2017 - August 2019

Gracecoms

Accra, Ghana

- Contributed to the development of a school management system using PHP and MySQL that was adopted by 15+ educational institutions.
- Implemented responsive frontend interfaces using HTML, CSS, and JavaScript that improved user experience across different devices.
- Designed and developed RESTful APIs that facilitated seamless data integration between different system modules.
- Participated in the full software development lifecycle from requirements gathering to deployment and maintenance.

Information Technology Tutor

September 2016 -

Ghana Education Service

Central Region, Ghana

- Developed and delivered engaging curriculum for Information Technology subjects to students in junior and senior high schools.
- Implemented innovative teaching methods that improved student engagement and understanding of complex IT concepts.
- Organized extracurricular activities and workshops to enhance students' practical skills in programming and web development.
- Mentored students in various technology-related competitions, leading to several awards and recognitions.

Education

Bachelor of Science - Information Technology

2020 - 2024

University of Education, Winneba | First Class Honours

Diploma in Education - Teacher Education

2013 - 2016

Foso College of Education | Second Class Upper Division

Certifications

AWS Certified Cloud Practitioner
GADs Scholarship - Android Development
Andela/Meta React Learning Program
Google Cloud Skill Boost Essentials
Oracle Certified, Java 8 Programmer
Oracle Database 12c: SQL Fundamentals

Languages

<div>English</div> <div>Full Professional Proficiency</div>	<div>Fante</div> <div>Native Proficiency</div>	<div>Twi</div> <div>Native Proficiency</div>
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