

RICHMOND KAFUI GAKPETOR

FULL-STACK ENGINEER

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SUMMARY

Highly motivated software engineer proficient in the MERN stack. Collaborative team player with experience in full-stack web application development and agile methodologies.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, HTML/CSS

Frameworks: React, NextJS, NodeJS, ExpressJS, Flutter

Database Systems: MongoDB, Firebase, MySQL

Other tools: Git/Github, Trello, Figma

Certifications & Training: Agile Scrum Master (Simplilearn), Leadership & Emotional Intelligence (Coursera)

WORK EXPERIENCE

NETLYFE (4-person team health-tech startup)

Accra

Co-Founder | Back-end Engineer

Jan 2023 – Present

- Developed and implemented secure authentication features using Firebase AUTH to protect user data and prevent unauthorized access
- Contributed to backlog prioritization by identifying key features that would improve product and align with business goals
- Worked closely with our front-end developer to ensure seamless integration of authentication functionality into the overall user experience
- Participated in team meetings and provided regular status updates on project progress and deliverables

GMM ELECTRICAL SOLUTIONS

Accra

Manager

Oct 2022 – May 2023

- Managed the end-to-end development of a business WordPress website for the company, from initial concept and design through to launch and ongoing maintenance thus promoting the company's brand
- Oversaw the company's financial accounts, including budgeting, and reporting on financial performance
- Established and maintained relationships with key stakeholders, including CEO, client's supervisor and contracted labour

UNIVERSITY OF GHANA

Legon, Accra

Research and Teaching Assistant

Oct 2021 – Sep 2022

- Provided instructional support to Mechanization lecturer assisting in lecture preparation, grading quizzes and office hours
- Mentored two final-year students on research projects, providing guidance on the project topic, data analysis, and technical writing
- Collaborated with a colleague to lead lab sessions for second-year students, providing hands-on experience with engineering principles in the Fluid Mechanics course

GHANA TECH LAB

Accra

Flutter Developer Intern

Nov 2021 – Jan 2022

- Led a 4-person team to design a mobile app UI mock-up using Figma, prepare pitch deck slides and ultimately pitch our mobile solution (Farm2U-online grocery shopping) based on the design thinking framework- we were amongst the six shortlisted finalists
- Gained experience with Firebase integrating it with Dee-M chats (a lightweight chat app) to provide additional functionality
- Developed and deployed a functional To-do mobile app on Cyclic using Flutter and Node.js

PROJECTS

NetLyfe App (Team of 3)

Mar 2023 – Present

- Implemented Firebase AUTH to secure and protect user data by preventing unauthorized access

EDUCATION

UNIVERSITY OF GHANA

Legon, Accra

BSc Agricultural Engineering

2017 – 2021

Final GPA: 3.91/4.0; Dean's List 2018 - 2021