

Kingsley David Gyekye

Software Engineer

Email: kingsleygyekye@gmail.com

Phone: +233 243 251 803

Linkedin: <https://www.linkedin.com/in/kdgyekye/>

Location: Accra, Ghana

Profile:

A self-motivated and detail-oriented software engineer with 3 years of professional experience in software engineering mainly focused on frontend development with ReactJS. An avid learner with a positive attitude towards work, with the willingness to go above and beyond expectations.

Professional Experience:

React Developer - GoWP, Roswell, Georgia-USA

September 2022 - Date

React, Firebase, Cloud Functions, MeiliSearch, SCSS

- Develop well-tested and scalable UIs, ensuring both ease of use and a good user experience.
- Worked on an Agile (Scrum) Development Team to deliver regular updates to the business development team and project managers.
- Assist in the development of web-based applications using React, Google Firebase, and other Front-end code languages.

Frontend Engineer - Polymorph Labs Ghana Limited, Accra-Ghana

August 2019 - September 2022

React, React Native, Typescript, GraphQL, Redux

- Implemented User Interfaces designed with Figma in ReactJS using TailwindCSS. These interfaces spanned multiple projects, including an e-commerce platform and a utility management application.
- Worked on an Agile (Scrum) Development Team to deliver regular updates to the business development team and project managers.
- Involved in complete SDLC - Requirement Analysis, Development, System and Integration Testing and contributed to the success at each stage of the development.
- Contributed to the development of internal tools used by Polymorph Labs to increase velocity without compromising efficiency and customer satisfaction.

Research & Teaching Assistant - University of Ghana, Legon, Accra-Ghana

September 2020 - July 2021

Database Management Systems, Software Engineering, Machine Learning with Python

- As a teaching and research assistant, my responsibility was to organize tutorial sessions for students by supporting them in solving problems, ranging from web application development with ReactJS and NodeJS, Compiler design and Machine Learning with Python.
- Assisted the Lecturer in organizing seminars and career fairs for Computer Science students who wanted to pursue careers in Software Engineering and Data Science.

Freelance Experience:

- Conducted interviews for requirements for the development of a Residence Management System and developed a Software Requirements Specification Document for the project which reduced the overall expected delivery time by 6 weeks.
- Implemented core modules and functionality of the system with JavaScript technologies, ReactJS for Frontend, NodeJS for REST API-based backend and Data models using MongoDB.
- The fully functional system was deployed for use by residents of the Elizabeth Sey Hall of the University of Ghana and recorded high satisfaction by hall members due to simplicity of use and efficiency.

Personal Development Projects:

- **Clothing E-Commerce Web Application** May 2021 -September 2021
Firebase, ReactJS, SCSS, Bootstrap, REST API, Redux
<https://clothing-ecommerce.web.app>
- **Calorie Tracker** May 2022
ReactJS, TailwindCSS, Typescript, GraphQL, Apollo, Node.js
<https://github.com/kdgyekye/calorie-tracker-ui.git>
<https://github.com/kdgyekye/calorie-tracker-api.git>

Education & Qualifications:

BSc. Computer Science

University of Ghana, Legon
September 2016 - Nov 2020

Relevant Courses: Data Structures & Algorithms, Software Engineering, Database Management Systems, Machine Learning, Web Application Development and Discrete Mathematics

Project Title: Automatic License Plate Detection and Recognition using TensorFlow, MobileNet and WPOD-NET

Co-Curricular / Voluntary Activities

Trainer & Mentor – Girls Too Code, Accra - Ghana.

March 2019 - Date

- Assisted in the organization of tech events and boot camps that taught young girls enthusiastic about STEM, how to code by building basic websites with HTML, CSS and JavaScript.
- Participated in the training and mentorship of over 40 Ghanaian females in software engineering and a seminar on career opportunities.

Skills & Technical Expertise

Skills	Languages	Web Technologies	Databases
<ul style="list-style-type: none">• Leadership• Goal Orientation• Teamwork• Communication• Interpersonal Relations• Project Management	<ul style="list-style-type: none">• JavaScript• Typescript• C/C++• Python• PHP	<ul style="list-style-type: none">• ReactJS• NextJS• NodeJS• React Native• HTML/CSS• GraphQL• Laravel• REST• MVC	<ul style="list-style-type: none">• Postgres• MySQL• MongoDB• MSSQL Server• Firestore