

# King-Frederick Akyea

Cape Coast, Ghana • Phone: +233 26 476 5158 • Email: [akyeaking2007@gmail.com](mailto:akyeaking2007@gmail.com)

GitHub: <https://github.com/King-Frederick-Akyea> • Portfolio:

<https://portfolio-website-king-frederick-akyeas-projects.vercel.app>

---

## EDUCATION

### Bachelor of Science in Computer Science

Kwame Nkrumah University of Science and Technology, Kumasi, Ghana | Expected Graduation date: 2028

- **Relevant Coursework:** Web Development, User Interface Design, Data Structures, Software Engineering
- 

## TECHNICAL SKILLS

- **Front-End:** HTML5, CSS3, JavaScript (ES6+), Responsive Web Design
  - **Frameworks/Libraries:** React.
  - **UI/UX Tools:** Familiarity with Figma.
  - **Version Control:** Git, GitHub
  - **Other Tools:** npm/Yarn, Webpack, Babel, Chrome DevTools
- 
- **Back-End:** Python, Django, Django REST Framework
  - **Soft Skills:** Problem-solving, attention to detail, teamwork, effective communication, Critical thinking
- 

## RELEVANT PROJECTS

### 1. Easy Book – Backend Developer

- o **Highlights:** Developed the full backend architecture for EasyBook, a booking platform, using Django and Django REST Framework; implemented RESTful APIs, integrated database models, and ensured secure user authentication and role-based access.
- o **Technologies:** Django, Django REST Framework

## 2. Company Website – RidgeWood EMB Limited

- o **Highlights:** Designed and implemented the full backend architecture.
  - Built RESTful APIs to support dynamic content and user interactions.
  - Integrated robust database models and implemented secure user authentication with role-based access control.
- o **Technologies:** Django, Django REST Framework

## 3. Responsive Portfolio Website

- o **Technologies:** HTML5, CSS3, JavaScript
- o **Highlights:** Built a fully responsive personal site showcasing projects; optimized for performance and accessibility; integrated GitHub API to display latest repositories

## 4. Responsive Dashboard – Firefly IO

- o **Technologies:** HTML5, Tailwind CSS, JavaScript, React, NextJS
- o **Highlights:** Developed a fully responsive instructor profile dashboard, enhancing usability across devices and contributing to an improved user experience.

## 5. Company Website – RidgeWood EMB Limited

- o **Highlights:** Developed a fully responsive and user-friendly frontend interface.
  - Ensured seamless integration with backend APIs for real-time content rendering.
  - Enhanced the company's online presence through a modern, mobile-optimized design.
- o **Technologies:** HTML5, Tailwind CSS, JavaScript, React, NextJS

---

## ACHIEVEMENTS & ACTIVITIES

### Tech Community Involvement

- Member of the KNUST Robotics Club; actively participated in coding workshops and tech networking events.
- Volunteer at **Firefly IO**, Accra – *August 2024*

- Contributed to organizing the **Ghana Robotics Competition** as part of a collaborative team effort.

### Leadership & Team Projects

- Served as **Project Lead** in a senior high school group project, successfully managing a team to deliver a working prototype under tight deadlines.

### Innovation & Learning Programs

- **Ashesi Innovation Experience**, Participant – *Ashesi University, Ghana | August 2022*
  - Engaged in hands-on problem solving, teamwork, and innovative thinking during a multi-day educational program.

### Competitions & Technical Roles

- **Programmer**, Ghana Robotics Competition – Accra, Ghana | *September 2023 (Firefly IO)*
  - Programmed the **Xplore Bot** using MicroPython.
  - Achieved **2nd Runner-Up** position out of several competing teams.

## SKILLS AND INTERESTS

- **Programming languages:** Python, Java, C++, JavaScript, C, Django
- **Worked with:** MicroPython, C, JavaScript, HTML, CSS, Arduino, C++, Python, Django
- **Interested in:** Robotics, Entrepreneurship, Design Thinking, Waste Management, Full Stack Software Development, and Machine Learning