

KINGSHARP AMPEDU NKANSAH

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SKILLS

Languages: HTML, CSS, JavaScript, Node.js, SQL, C++, Python, PHP

Database Systems: MySQL, Mongo DB, firebase

Frameworks: React, Redux, Bootstrap, Laravel

Other Tools: Heroku, Jira, Miro, figma, Git, Unix/Linux environments,

PROFESSIONAL EXPERIENCE

Xcelsz IT Consulting	Kumasi - Ghana
Junior Software Engineer (Remote)	Feb 2022 – Present

- Write and test code in JavaScript (React), PHP (Laravel).
- Work in teams of up to 15 agile developers, a consultant and 3 scrum masters
- Core of the team is to research and develop scalable application and make good use of web AI.
- Tools & frameworks: React, Jira , Figma, Git, Laravel

Remoteli	Accra - Ghana
Software Engineer intern	Feb 2021 – Jul 2021

- Built the front-end view of client’s project using React, implemented several animation using canvas, three.js, anime.js and worked with Rest APIs in accordance to the client needs.
- Performed QA testing on client’s apps and company’s recent launched apps, I ran basic tests like performance testing, devices compatibility test using lambda test and several multi browser testing.

PROJECTS

WebApp to help companies in Ghana find talents in my university (Team of 4)	Aug 2021
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Built a WebApp using HTML/CSS/JS and PHP, for companies in Ghana to find talents in my school for internship opportunities. This app also help my university track student performance during their internships through company reviews. The App currently have 1040+ students registered ever since it was integrated into the university’s web portal, 20+ companies publish several internship roles on the App.

WebApp that act as a Travelling Companion (Independent)	May 2022
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Built a WebApp using React.js, Rapid Api, Google Map Api and other technologies for users to access several information about the place, country or city they intend to visit, it also help users plan for their trips. Using this app users can find information such as the various restaurants, hotels and tourist attractions in the country or city they intend to visit.

Robotics Spectacles And Walking-Stick (Team of 6)	Sep 2021
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This innovation is mostly focused on visually impaired people. Visually impaired individuals have an issue where they need the assistance of others to help them move. The innovation consist of two devices that are programed with C++ and Python to detect obstacles above at eye level and below. Spectacles that detects obstacles at eye level from a certain distance and Walking stick that detects obstacles closer to the ground from a certain distance

- The innovation was tested with 15 real blind patients at Ghana blind union and the results was a success. Patients could move around the hospital and a distance outside the hospital without running into an obstacle. || [image \(introducing the device to a patient\)](#)
- A few renovations were made like replacing the buzzer (arduino sound device) with a vibrator. This will be very effective when users find themselves in a noisy environment where they might not notice the sound of the buzzer but the vibration from the vibrator will help notify them.

EDUCATION

Open Labs NIIT	Ghana
Diploma in Software Engineering.	Feb 2019 - May 2022

ACTIVITIES

Student Lead , Openlabs AI Club	Apr 2021 – Apr 2022
Member , Unicode	Feb 2022 - Present
Participant , HackLab Hackathon Africa	Apr 2021
Participant , MTN Ayoba Hackathon	Sep 2021
Participant , Google Code Jam	Apr 2022
Participant , Robotics Expo 2022	May 2022