

LESLIE NARTEY KODJOE

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EDUCATION

Ashesi University

Sep 2018 - May 2022

BSc. Computer Science

PROJECTS/ RESEARCH

Undergraduate Capstone Project (DuPa) | Ashesi University

Aug 2021-May 2022

- Developed a web-based Faculty Information Management System to minimize third-party software and centralize all information within the organization.
- Built with HTML, CSS, and JS to design the frontend and PHP for the backend while incorporating the MVC model to promote modularization.
- Utilized asynchronous JavaScript and XML (Ajax) in conjunction with JavaScript to lower the site's load times.

Podcast Mobile Application | Ashesi University

May 2022

<https://www.figma.com/file/oX2GlmyEduMDsZ8DJ3YsGI/PodK?node-id=16%3A323>

- Designed onboarding pages for the mobile application to guide users during their first installation.
- Developed the application using Flutter which includes writing the code in Dart. The app was built to target the Android user audience.
- Optimized the application's source code, generated the Android Application Package (APK) version, and used Git to manage code changes and revisions.

Tech Ecommerce System (CodeX) | Ashesi University

Sept-Dec 2021

- Researched and collaborated with my team to develop a fully operational e-commerce platform dedicated to the retail of technology accessories.
- Served as the team lead in developing the payment system using Paystack, a third-party software, to handle all user payments for products.
- Included Google Analytics to monitor web traffic and comprehend user behavior about the device utilized to view the website.

WORK EXPERIENCE

Web Developer

June 2024

Personal Portfolio Website

<https://kwekuyamoah.github.io/>

- Leveraged React's component-based architecture to create reusable UI components to enhance user experience.
- Utilized TailwindCSS for responsive design and its PostCSS utilities to ensure cross-browser compatibility
- Deployed and maintained the SPA using GitHub Pages, ensuring continuous updates and optimal performance.

Faculty Intern | Ashesi University

Aug 2022-April 2024

- Served as a teaching assistant for the Pre-Calculus II, Discrete Structures & Theory, and Algorithm Design & Analysis undergraduate courses at Ashesi's Department of Computer Science and Information Systems.
- Organized office hours to answer student questions and provide extra assistance in their academic path.
- Compiled and presented student grade statistics to the faculty and contributed to lesson plan development and other departmental activities.

Academic Mentor | Ashesi University

Oct 2022-April 2024

- Engaged in personalized mentorship with a group of approximately 12 students, collaboratively developing study strategies and academic plans.
- Conducted progress evaluations, including regular meetings to monitor each mentee's academic performance.
- Organized training sessions on coding, problem-solving, and software development principles to help my computer science mentees enhance their technical and coding skills.

FullStack Developer

Versatilis Group | Accra, Ghana

Jan 2024-March 2024

- Redesigned the system's user interface using Bootstrap, which led to a 20% uplift in user satisfaction.
- Optimized Git practices, ensuring 70% resolution in merge conflicts, and minimizing project delays.
- Worked closely with senior developers to build user interfaces for clients without compromising the system's functionality.

Data Manager – AI Research Project | Ashesi University

Jul-Sep 2023

- Managed the transcription of English audio recordings by students to evaluate the Automatic Speech Recognition Model.
- Organized students to capture English audio data, which helped to train an Automatic Speech recognition model and improve the program's accuracy and dependability.
- Reviewed participant-submitted data to identify and rectify transcription file errors, guaranteeing accuracy.

FullStack Developer

Ashesi E-learning Project (Kalangu) | Ashesi University

Jun-Jul 2023

- Tasked with updating the system's text editor to allow users to include mathematical symbols in their submissions.
- Worked in an Agile collaborative environment to receive design requirements and test applications.
- Assisted in designing and implementing a dynamic discussion board feature, enabling users to post questions and receive timely responses.

Frontend Designer & Developer

Ashesi Experiential Transcript

Sep-Oct 2022

- Rebuilt the home interface to improve its visual appeal for students to navigate the system.
- Improved the website load time by 10% by optimizing TailwindCSS utilities to minimize unused CSS.

- Performed cross-browser testing, ensuring consistent performance and minimizing cross-browser issues.

SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, React, TailwindCSS, Bootstrap, SQL, PHP, Python, Flutter.
- **UI Design:** Figma, Adobe XD
- **Technologies:** Webflow, GitHub, Netlify, Microsoft Azure, Postman, LaTek.
- Microsoft Office Suite
- Excellent communication, good teamwork skills, and public speaking.

ACHIEVEMENTS & AWARDS

- Dean's List, Ashesi University. 2021

MEMBERSHIPS & ORGANIZATIONS

- Ashesi CyberGeeks Club 2020
- Google Developer Student Club 2018-2020

VOLUNTEER EXPERIENCE

- Hackathon Judge, Ashesi Design Lab. 2022-2023
- Food for All Africa, Spintex Road Accra. Mar-Apr 2021