

ASHRAF ABDUL-MUUMIN

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EDUCATION

Illinois Institute of Technology, Chicago, IL

Aug 2024 – Dec 2026

Masters, Information Technology

Garden City University College, Kumasi, Ghana

Jan 2018 – Jan 2022

Bachelor of Science, Computer Science, GPA 3.4

SKILLS

Language/Tools: HTML, CSS (TAILWIND, BOOTSTRAP), PYTHON, JAVASCRIPT (TYPESCRIPT, NEXTJS, REACTJS, NODE.JS/EXPRESSJS, JQUERY), PHP, SQL (POSTGRESQL, MYSQL), MICROSOFT AZURE, VERCEL, GIT, DOCKER, AI

Others: RESTFUL API, AGILE, RESPONSIVE DESIGN, USER INTERFACE DESIGN, USER EXPERIENCE, DATA STRUCTURES, LINUX, BASH, OPERATING SYSTEMS

WORK EXPERIENCE

Full Stack Developer

Onesolution, Kumasi, Ghana

Sep 2023 – Aug 2024

- Developed the PHP desktop application version of the Point of Sales web app, ensuring a consistent user experience across platforms. 63% of clients opted for our desktop application we had a better edge over competitors.
- Integrated backend services using Express.js, ensuring reliable data management and backend functionality. Synchronization API requests were made to web services to keep desktop client up to date with sales and products. Zero reports of data inconsistencies were found in the database after desktop client was taken to production.

Web Developer

Global Institute of Islamic Banking, Kumasi, Ghana

Jun 2022 – Jul 2024

- Designed intuitive web interfaces using NEXTJS and Bootstrap, enhancing user engagement and accessibility.
- Implemented responsive design techniques to ensure optimal performance across various devices.
- Collaborated with cross-functional teams to integrate React and Express.js, improving the development process.

Junior Backend Developer

Kwame Nkrumah University, Kumasi, Ghana

Sep 2022 – Aug 2023

- Modified students' database of the Student Portal for the University resulting in reduction of data fetching complications and data inconsistencies by more than 50%.
- Produced a Data Export UI page for other departments to operate, instead of seeking the UITs department's help with exporting data directly from database. All departments now make use of this page
- Engaged in weekly meetings to receive collaboration tasks with other developers. All tasks were completed timely and were organized for Supervisors. Instructed to re-submit a report two times in one year.

PROJECTS

A. Recipe Sharing App - Current

- Designed and currently developing an app for users to submit, search for, and view recipes.
- Built with **Vercel, Azure DevOps (Agile management simulation), NextJS, TailwindCSS, NextAuthJS, OAuthGoogle API.**
- <https://recipe-share-app.vercel.app>.

B. RAG: Python Web Scraper and Content Extractor/Comparer - Current

- A Web Scraping program that extracts semantic content from websites and compares them if they have changed.
- Building with **Python, NumPy, ScaPy, BERT, PyMuPDF and BeautifulSoup4.**
- <https://github.com/chirix33/WebScrapeInsight>.