

PEACEFILL AMENUVEVE TAWIAH

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SUMMARY

- Dynamic and innovative Software Developer with a strong foundation in computer science, specializing in front-end development and data science.
- Demonstrates exceptional problem-solving abilities, a passion for creating impactful digital experiences, and a commitment to driving technological innovation.
- Proven track record in designing responsive web interfaces, integrating APIs, and enhancing user experiences.
- Eager to contribute expertise to graduate programs or professional roles that demand creativity, analytical thinking, and effective team collaboration.

EDUCATION

ALX (Explore AI Academy) – Accra, Ghana

May 2023 – September 2024

Data Science

- Mastered data analysis and visualization using Python, SQL, and Power BI, with an emphasis on real-world applications.
- Developed proficiency in machine learning techniques including regression, classification, and unsupervised learning models.
- Implemented natural language processing (NLP) projects and recommendation systems using advanced algorithms.
- Gained hands-on experience with AWS cloud services and data pipeline development.
- Applied statistical analysis and predictive modeling techniques to solve complex business problems.

Valley View University – Accra, Ghana

January 2021 – November 2024

BSc, Computer Science

Graduated with a 3.64/4.0 GPA, excelling in coursework including Data Structures, Algorithms, Software Engineering, and Mobile Application Development, among others.

WORK EXPERIENCE

Frontend Developer - National Service Personnel

October 2024 - Present

ReppBlue – Accra, Ghana

- Integrated APIs and connected application endpoints to ensure efficient data flow and synchronization between the front and back end.
- Spearheaded the development of responsive web application interfaces using React, Typescript, and Tailwind CSS, enhancing user experience based on user feedback
- Provided valuable insights into the user journey process and offered constructive feedback on design elements, ensuring an improved and user-friendly experience.

Lead - Data Analyst | Software Engineer | UI/UX Design

July 2024 - Present

VitalNeoCare – Accra, Ghana

- Designed the UI for the website in Figma, ensuring a visually appealing and user-friendly experience.
- Developed the website using Next.js, Tailwind CSS, and TypeScript, ensuring responsiveness and performance optimization.
- Built an admin interface to manage website content dynamically, enabling seamless updates that reflect on the main site.
- Integrated Firebase for backend services, handling authentication, database management, and real-time data synchronization.

Software Developer Intern

June 2024 - July 2024

Wigal – Accra, Ghana

- Executed 40% of the web development for an inventory management application user interface using Next.js, Tailwind CSS, and TypeScript, ensuring a responsive and intuitive experience.
- Contributed fully to the UI/UX design process, introducing fresh and innovative ideas to improve usability for inventory tracking.
- Designed and implemented responsive web interfaces, ensuring seamless user experience across different devices.

UI Front-end Developer Intern

June 2023 - August 2023

StarkDefi Labs – Abu Dhabi, UAE

- Designed the UI for a product's landing page, contributing to a 15% increase in site traffic.
- Created the user interface for the product's landing page utilizing React Js, enhancing functionality and aesthetic appeal.
- Contributed to the design of sections within the company's web versions of their websites, ensuring consistency and brand alignment.
- Transformed web version interfaces into mobile user interfaces, improving accessibility and user satisfaction.

UI/UX Design Intern

July 2022 - September 2022

Embrace Technologies – Accra, Ghana

- Aided in designing a user-focused website for an investment company, resulting in improved client engagement.
- Created a comprehensive style guide for the website, ensuring cohesive design language and brand consistency.
- Contributed to client user experience research, providing insights that shaped design decisions.
- Gained wire-framing, prototyping, and interaction design skills and applied them effectively to projects.

PROFESSIONAL CERTIFICATES

Data Science - alx

August 2023 - August 2024

- Completed a rigorous training program in Python, equipping with advanced skills essential for data science.
- Developed a strong foundation in statistical modeling and machine learning techniques to build predictive models and solve complex problems.
- Gained expertise in data collection, cleaning, preprocessing, and transformation, ensuring high-quality datasets for analysis.

Data Analytics with Python - GI-KACE

February 2024 - March 2024

- Completed a comprehensive training program focused on Python, acquiring essential skills vital for data analytics.
- Proficiently learned techniques for data cleaning, transformation, and shaping, enhancing abilities in data preprocessing.
- Conducted in-depth Exploratory Data Analysis (EDA) to extract valuable insights and patterns from diverse datasets.
- Demonstrated proficiency in data visualization techniques and reporting methodologies, effectively communicating analytical findings to stakeholders.

Google UX Certificate – Commonwealth of Learning (Coursera)

August 2022 - December 2022

Courses Completed:

Foundations of the User Experience Design, UX Design Process (Empathize, Define, and ideate), Building of Wireframes and Low Fidelity Prototypes, Conducting User Research, Creating High Fidelity Designs and Prototypes in Figma, Responsive Web Design in Adobe XD, and Designing a User Experience for Social Good & Preparing for Job.

Meta Front-End Developer – Commonwealth of Learning (Coursera)

July 2022 - December 2022

Courses Completed:

Front-End Development & Programming with JavaScript.

VOLUNTEER ACTIVITIES

Class Representative – Valley View University

November 2021 - February 2022

- Acted as a liaison between lecturers and classmates, improving communication and academic support
- Led initiatives to set and achieve class goals, enhancing group productivity.
- Managed class schedules, tracked meetings, and effectively communicated assignment and project deadlines.

Member, Easkarm Foundation (NGO)

November 2020 - Present

- Participated in the facilitation of donation exercises at orphanages, promoting social responsibility.
- Aid in fundraising campaigns, contributing to the financing of the organization's outreach programs

SKILLS

UI/UX Design – User Research, Wire-framing, Prototyping, Figma, Adobe XD, Concepts, Figma

Front-end Development – HTML, CSS, Javascript, React, Visual Studio Code, Next.js, Tailwind CSS, Typescript, React Native, Firebase, Node

Data Science & Analytics – Data Preparation, SQL, Data Visualization, Python, Jupyter Notebooks, SQL Workbench, Power BI.

Microsoft Office Suite – Word, Excel, PowerPoint

LANGUAGES

English - **Native**

French - **Basic**