

## Professional Profile

I am an experienced software developer and a recent graduate from Kwame Nkrumah University of Science and Technology (KNUST) seeking employment with a fast-growing company/startup. I bring more than 5 years experience in the technology industry, having worked for companies like the **Ghana Meteorology Agency, Mapin Solutions Ltd, Exmaj Company Limited, Exprint Company Limited, AllviewInnovations Company Limited, A-Zone Network, Ealivery Delivery Service Inc., and Conveypride Ltd.**

## Objective

My ultimate career goal is to be an achiever, an icon for many to bode on and a highly elated individual with a proactive personality. I am a trained meteorologist, a self-taught **Full-Stack App and Web Developer, Data Analyst, Machine Learning Engineer as well as a Graphic and Motion Designer**. I am a computer avid who seeks to impact lives and to work in a reputable company as a problem solver and also to acquire life skills to increase productivity and accountability in the company.

## Experience

- ♦ **Ghana Meteorology Agency (National Service Personnel)** 2022 - 2023
  - ✓ Created a Weather Dissemination System Website from scratch, for the agency with an integrated admin panel for forecasting.
  - ✓ Worked at the hydro-meteorological department to make seasonal and sub-seasonal forecasts in collaboration with the central analysis forecasting unit.
  - ✓ Interpolation of data for meteorological parameters using R, Python and ArcGIS software.
  - ✓ Generation and issuance of the general atmospheric forecast using the WRF model and WaveWatch III model.
  - ✓ Analysis of hydro-related plots and interpolations.
  - ✓ Worked at the marine department to design marine forecasts for fishermen and Ship Captains to navigate safely on the sea and lake.
  - ✓ Tutoring and coordinating interns on the use of ArcGIS to interpolate data and run outputs obtained in Python.
- ♦ **Mapin Solutions Ltd (Full-stack Software Developer (Remote))** 2020 - 2022
  - ✓ Assisted with the development of web and mobile app software platform using frameworks like Laravel, React and Flutter.
  - ✓ Overseeing the product development process, including defining product requirements, and designing product architecture.
  - ✓ Collaborated with team members on software testing and troubleshooting.
  - ✓ Intensive training in social media management and graphic designing using Photoshop and Canvas.
  - ✓ Participated in a 7 days workshop as a facilitator at the Accra international conference centre dubbed “The Ghana Digital Innovation Week (GDIW)” on impacting brands and social media influencing.
- ♦ **Ealivery Delivery Service Inc (Chief Technology Officer - CTO)** 2019 - 2021
  - ✓ Developed and executed a comprehensive technology strategy to optimize delivery operations and improve efficiency.
  - ✓ Oversaw the design and implementation of the company's technology infrastructure, ensuring scalability, reliability, and security.
  - ✓ Led a team in the development and maintenance of software applications tailored to meet delivery requirements.
  - ✓ Utilized data analytics to identify trends, optimize routes, and enhance logistics operations.
  - ✓ Stayed abreast of industry trends and emerging technologies to drive innovation and improve delivery processes.

- ✓ Ensured cybersecurity measures and data privacy compliance to protect sensitive information.
- ✓ Managed vendor relationships and strategic partnerships to leverage external expertise and resources.

- **Exmaj Pharmaceutical Company Limited (Data Analyst (Internship))**

2019 - 2019

- ✓ **Data Collection and Cleaning:** I assisted in collecting raw data from various sources such as clinical trials, customer surveys, and internal databases. I was responsible for cleaning and organizing the data to ensure its accuracy and reliability for further analysis.
- ✓ **Data Analysis and Visualization:** I performed data analysis using statistical methods and software tools such as Excel, Python, Fortran, and R. This involved identifying patterns, trends, and correlations within the data to provide meaningful insights. Additionally, I was tasked with creating visualizations such as charts and graphs to effectively communicate my findings to stakeholders.
- ✓ **Reporting and Presentation:** I contributed to the preparation of reports summarizing the results of data analysis. This included creating concise and clear summaries of findings, key metrics, and actionable recommendations. I was also involved in preparing presentations to communicate the findings to team members and senior managements.
- ✓ **Quality Assurance and Data Validation:** I assisted in performing quality assurance checks on data sets to ensure accuracy, consistency, and completeness. This involved cross-checking data with source documents or identifying and resolving discrepancies.

- **A-Zone Network NGO (Public Relation Officer- PRO (Volunteer))**

2018 - 2020

- ✓ **Public Relations Strategy:** I developed and implemented an effective public relations strategy to enhance A-Zone Network's image and reputation among various stakeholders, including students, parents, teachers, and the local community.
- ✓ **Media Relations:** Building and maintaining positive relationships with local media outlets, such as newspapers, radio stations, and television channels. This included drafting press releases, organizing press conferences, and coordinating media coverage of A-Zone's activities and initiatives.
- ✓ **Branding and Messaging:** I ensured consistent branding and messaging across all communication channels, including social media, website, newsletters, and promotional materials. This involves developing key messages that resonate with the target audience and effectively communicate A-Zone Network's mission and impact.
- ✓ **Social Media Management:** I managed the A-Zone Network's social media accounts, including creating and curating content, engaging with followers, and monitoring online conversations. Using social media platforms to promote events, share success stories, and raise awareness about the organization's programs.
- ✓ **Event Planning and Coordination:** Organizing and coordinating various events, such as workshops, seminars, conferences, and fundraising activities. This includes liaising with relevant stakeholders, managing event logistics, and ensuring effective communication before, during, and after the events.

- **Exprint Company Limited (Software Developer (Remote))**

2018 - 2019

- ✓ **Designing Print Materials:** I created visually appealing designs for various print materials such as brochures, flyers, posters, business cards, banners, and packaging. I worked closely with the marketing team to understand their requirements and developed designs that effectively convey the desired message.
- ✓ **Branding and Identity:** I worked on creating and maintaining the visual identity and branding of the company. This involves developing consistent design elements, such as logos, color palettes, and typography, that reflect the company's values and resonate with its target audience.
- ✓ **Image Editing and Retouching:** I was required to edit and retouch images to enhance their quality, remove imperfections, and adjust colors.
- ✓ **Preparing Files for Printing:** I ensured that the designs are print-ready, this involved preparing files in the appropriate formats, using the correct color profiles, and ensuring that the resolution and dimensions meet the requirements for high-quality printing.

## Education

- ♦ Kwame Nkrumah University of Science Science and Technology 2018 - 2022
- ♦ Ghana Secondary Technical School (GSTS) 2015 - 2018

## Skills

- Proficiency in frontend and backend development including web and mobile app development.
- Proficiency in Amazon Web Service, Google Cloud, Firebase, Forge.
- Proficiency in Graphic Design and UI/UX design using tools like Photoshop, Adobe XD, Figma, etc.
- Proficiency in Data Analysis and Machine Learning/ Artificial Intelligent.
- Proficiency in Word, Excel, PowerPoint, and all Microsoft tools.
- Proficiency in Oracle Database, MySQL, PostgreSQL, MongoDB, SQLite, MariaDB, Redis, Apache, etc.
- Strong comprehension of Android SDK, including third-party libraries and APIs.
- Thorough knowledge of Dart, PHP, NodeJs, Python, Fortran, R, and Javascript programming language, as well as a solid understanding of Android's design principles and application interface guidelines.
- Proficiency in Android Studio, Xcode, and Visual Studio Code and their associated tooling.
- Proficiency in frameworks like WordPress, Laravel, React Js, React Native, Flutter, Bootstrap, Vue Js, Livewire, Next Js, Expo, etc.
- Familiarity with code versioning tools like Git.
- Good understanding of data structures.
- Proficient in mobile performance optimization, debugging, and testing.
- Excellent written and spoken communication skills, with clear and effective expression of ideas and challenges.
- Strong problem-solving skills, a crucial attribute for this role.

## Awards & Achievements

- ♦ Created a Weather Dissemination Weather Forecasting System Website with CMS functionality from scratch, for GMet .
- ♦ Awarded the Best Waste Management Project at the Meteorology Department's Annual Project Showcase, 2022.
- ♦ Received the Environmental Leadership Award from Youth Empowerment for Sustainable Development, Accra, Ghana 2021.
- ♦ Recognized as a Top Performer at **Mapin Solutions Ltd.**
- ♦ Created a stock tracking database management portal for **Exmaj Pharmaceutical Company Limited.**
- ♦ Created a blog website for Conveypride.com.
- ♦ Created a food delivery website for ealivery.com.
- ♦ Created a meme app for Meemtic Inc.
- ♦ Won Gold and Silver in the 2017 and 2018 RISE Robotic Competition respectively.

## Hobbies & Interest

- ☐ Open-Source Projects: I enjoy contributing to open-source projects on platforms like GitHub and Stack Overflow. This has helped me improve my coding skills, collaborate with other developers, and stay up-to-date with the latest technologies and frameworks.
- ☐ Coding Challenges: I participate in coding challenges and hackathons in my free time, which helps me improve my problem-solving skills and hone my ability to think creatively and strategically. This has also given me the opportunity to build new projects and gain experience working with a wide range of programming languages and technologies.
- ☐ Tech Communities: I'm an active member of various tech communities online and offline, including attending meetups, conferences, and webinars. This has helped me network with other developers, share knowledge and best practices, and stay informed about new technologies and industry trends.

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<b>Reference</b>
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