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PROFILE

[LinkedIn](#)

[GitHub](#)

PROFILE

I am a software engineer with over 8 years of professional experience in software engineering, web and mobile development, information systems, and systems analysis and design.

I have the ability to examine IT systems and processes and recommend solutions.

I am a tech enthusiast, very passionate, dedicated to work to continuously develop, implement and adopt new technologies to maximize development, efficiency and produce innovative applications to solve most of the world's problems.

HIGHLIGHTS

- Proficient in UX Research and User Experience Design.
- Proficient in Software architecture, design and model, data structures, testing and debugging.
- Proficient in web development architectures (Model View Controller (MVC)), frameworks, tools and technologies.
- Expert in writing well documented system requirements and specifications documents.
- Expert in writing efficient, maintainable and reusable code.
- Proven effective project team lead.
- Self-motivated and well-organized team player.
- Possess exemplary skills in written software development documentation.

SKILLS

- **Soft** – Communication (verbal & non-verbal), Research and UX Research, Writing, Critical Thinking, Leadership, Positive Attitude, Teamwork, Work Ethic.
- **Technical** – HTML5, CSS3, JavaScript, PHP, Java, Dart, Python, ASP.NET, Microsoft SQL, MySQL, Oracle, PostgreSQL.
- **Software** – Microsoft Office Suite, Microsoft Visio, Microsoft Project, Database Management Systems (DBMS), Version Control Systems (VCS), Integrated Development Environments (IDEs), Computer-aided design (CAD) tools, Continuous Integration (CI) tools, Collaborative tools, Low-code Development Platforms.

PROJECTS

- **Title:** rawsrc
 - **Description:** A UX research Case Study on a commodities marketplace for Africa.
 - **Role:** UX Researcher & UI Designer
 - **Responsibility:** Conducted interviews, paper wireframing, low and high-fidelity prototypes, usability studies and iterated on the designs.
 - **Link:** [rawsrc - the commodities marketplace](#)
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- **Title:** PayALL
 - **Description:** A UX research Case Study on a Mobile Payment App in Ghana.
 - **Role:** UX Researcher & UI Designer
 - **Responsibility:** Conducted interviews, paper wireframing, low and high-fidelity prototypes, usability studies and iterated on the designs.
 - **Link:** [payall - a mobile payment system for the local market](#)
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- **Title:** AgroDemadPool (ADP)
 - **Description:** ADP is differentiated agricultural commodities web platform that connects producers to buyers.
 - **Role:** Lead Developer
 - **Responsibility:** Converted research findings into requirements specification documents, designed and developed the website and the web platform.
 - **Link:** <https://agrodemandpool.com>
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- **Title:** RateYourTelco
 - **Description:** An application programming interface and web platform to rate telcos in the country.
 - **Role:** Researcher & Developer
 - **Responsibility:** I prepared and conducted online surveys to understand users concerns when it comes to internet connectivity from our various telco internet providers. I then built an API & a web site that allows users to rate a telco based on the M-LAB's measurement standards which is pricing, area / region, reliability, and support.

- **Title:** ElectMe
 - **Description** – An application programming interface (API) of a voting system based on the 2012 EC registration database.
 - **Role:** API Developer
 - **Responsibility:** I built the database and the API for a mobile app to interface with.
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- **Title:** ProjektLeve
 - **Description:** An employee HR leave management system for AITI-KACE.
 - **Role:** Lead Developer
 - **Responsibility:** I conducted interviews with Stakeholders and converted the findings into requirements specification documents for developers to follow to build the functionality of the system. I initiated the project by build boilerplate code templates for others developers to follow. I prepared a user guide documents for users.

EXPERIENCE

January, 2021 – Date

FREELANCING & ONLINE TUTORING

Freelancer, Online Tutor & Technical writer

- Had Freelancing opportunities from Crossover, ContentLab and CodeProject.
- Had online training programmes on Web development and mobile development using Flutter.
- Wrote technical writings on testing with the Laravel framework (A PHP framework for web development).
- Develop code labs and tutorials on the development community on Android modding, and customizations.

June 2019 – December 2020

WENOTEK

Senior Software Engineer

- Built Robust Application Programming Interface (APIs) for both mobile and web consumption using the Laravel framework.
- Built proof of concept minimum viable products (MVPs) using the Flutter framework.

- Trained over 300 youths into building mobile apps using the Flutter framework under the National Youth Authority (NYA) as part of the NYA Mobile App Development Training Program.
- Develop an information system software requirement specification document for developers to build new and existing solutions.

September 2017 – May 2019

Ghana India Kofi Annan Centre of Excellence in ICT

Software Developer (Research, Mobile, Web)

- Led a team to develop an Employee HR leave management system.
- Led a team that researched into a revenue collection system in Ghana.
- A member of a team that trained secondary school teachers on the use of ICT tools (chamilo, xerte) to improve the delivery of course content to students.
- A member of a team that developed on a proof-of-concept traffic management system.
- Managed a team of developers to work on scheduled projects and deliver within the speculated time frame.
- Researched in Bus Rapid Transport (BRT) systems and the possible solutions viable to the cities in my country (Ghana).

November, 2016 – May, 2017

Tecman Limited

Android Developer

- Designed and developed an Android news application.
- Fixed bugs and improved on application performance.
- Improved user engagement for an existing mobile application.
- Tested the application and made sure it was ready for the market.

July, 2015 – August, 2015

Rightcom Technologies

Contract Technical Writer

- I critically analysed a customer experience rating system and wrote technical documentations on it.

June, 2013 – December, 2013

Alcom Ghana

Web Developer

- Worked with a team of developers overseas on a patient-hospital management system.
- Liaison between users and overseas developers.
- Implemented Web-based project management tools to coordinate the activities of a distributed team.
- Researched and prototyped new Web technologies and techniques to realize benefits of the latest innovations, achieve increased efficiency, and provide highest quality products.

EDUCATION & TRAINING

June, 2021 – August, 2021

User Experience Nanodegree, Udacity – Online

User Experience Design (UXD)

March, 2021 – June, 2021

Google User Experience Design, Coursera – Online

User Experience Design (UXD)

May, 2018 – July, 2018

Ghana-India Kofi Annan Centre of Excellence in ICT, Ridge – Accra, Ghana

Network Information Security (NIS)

February, 2014 – September, 2016

Staffordshire University, Stoke-on-Trent – London, England

BSc. (Hons), Business Information Technology

October, 2012 – May, 2013

Ghana-India Kofi Annan Centre of Excellence in ICT, Ridge – Accra, Ghana

Diploma, Diploma in Business Computing (DBC)

June, 2012 – September, 2012

Ghana-India Kofi Annan Centre of Excellence in ICT, Ridge – Accra, Ghana

Certificate, Foundations of Software Development (FSD)

REFERENCES

References available on request