Edward Junior Agyemang-Prempeh
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Career Profile

Dedicated software engineer with extensive experience in designing, developing, and maintaining complex software applications and systems. Proven ability to implement best practices, collaborate with cross-functional teams, and deliver high-quality solutions on time and within budget.

Key Skills and Competencies

Languages: NodeJS, Python
Frameworks & Libraries: Angular
Databases: Postgres
Platforms: Docker, Linux, Windows
Version Control: Git

Professional Experience

Software Engineer, Intelligent Building Solutions
November 2023 – Present

- Refactored codebase to enhance quality, performance, and scalability.
- Added features to e-billing software for prepaid meters and payments.
- Customized and deployed ERP software with a user guide.
- Developed a file management system.
- Upgraded company website to improve UI/UX and interactivity.

National Service, Process and Plant Automation
November 2022 – October 2023

- Revamped web store for improved appearance and responsiveness.
- Enhanced web store functionality to add items to cart without prior viewing.
- Developed an Android application for e-store access.
- Increased security by designing a Telegram bot for security updates.

Software Engineering Trainee, ALX Africa
May 2022 – June 2023

- Developed a trading bot for cryptocurrencies on Binance.
- Created a website for a local business to advertise products.

Software Developer Intern, Kumasi Hive
September 2021 – November 2021

- Developed a real-time data plotting and visualization software for a robot using Python.
- Created a simulation program for robot movements in 3D space and data collection.

Education

Bachelor of Science in Electrical and Electronic Engineering
Kwame Nkrumah University of Science and Technology
August 2018 – November 2022

- Graduated with First Class Honours.
- Capstone Project: Attendance Checker for Examination Rooms using HTML, CSS, NodeJS, Python, and C++.

Certifications

- Full Stack Software Engineering (Specialized in Backend Development), ALX Software Engineering
- Data Analysis Using Python, IBM

Professional Memberships

- AWS Emerging Talent Community, AWS Educate
- National Society of Black Engineers (NSBE) - KNUST Chapter
- Google Developer Students' Club (Google DSC) – KNUST