

# KWAME KORANTENG OPOKU

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## OPENING PROFILE

Highly ambitious Computer Engineer with solid work experience and a client centric persona seeking to continue my career with a focus on Software Engineering. Proficient at providing database architectures and web/mobile solutions. My career objective is to learn as much as I can and to make a substantial impact everywhere I'm found; and my previous employers can attest to that. My superpower is my morals, discipline, and ability to produce completely and neatly in whatever that I do.

## EDUCATION

Kwame Nkrumah University of Science and Technology, Ghana [SEPTEMBER 2019] – [AUGUST 2023]  
BSc Computer Engineering

Akosombo International School, Ghana [SEPTEMBER 2016] – [JUNE 2019]  
General Science

## PROFESSIONAL EXPERIENCE

AFRICA SOFTWARE SOLUTIONS LTD, Software Developer, Ghana (Remote) [OCTOBER 2019] – [JANUARY 2023]

- Developing and maintaining software solutions for business to match their business needs using Claris Filemaker.
- Developing and maintaining web and mobile solutions using Angular
- Developing and maintaining internal solutions for the company such as the internal time system and website.
- Communicating with Clients to make sure all requirements are gathered, and to review progress at checkpoints.

ZEEPAY HEADQUARTERS, Software Developer Intern, Ghana [OCTOBER 2022] – [JANUARY 2023]

- Developed microblogging web solution to onboard myself on Laravel since it's the technology stack used.
- Helped in User Acceptance Testing (UAT) for an integration with MoneyGram for the Zambia branch.
- Helped facilitate airtime integration with a partner.
- Helped Security team in CCTV camera monitoring and navigating the system.
- Reviewing code of some projects.

## PROJECTS / LEADERSHIP

CTRL INTELLIGENCE – Project Manager/Lead Developer [JUNE 2022] – [AUGUST 2022]

- This was my third year Software Engineering group project of 10 colleagues, and I led the team to successfully complete the project.
- Developed a gym application for GUSS HOSTELS in KNUST.
- This allows students to pay for their gym membership and book the sporting facilities available.
- Solution also allows the admin to monitor data.
- Tech Stack: Used Flutter (dart) to build the front-end NodeJS/ExpressJS for the back-end.
- The application helped increase service usage by 15% by making it easier for to book sports activities and pay for gym appointments.
- The system's online payment functionality helped reduce business cost by 5% by eliminating commission fees charged by middlemen who collect payments for the services (gym membership subscription & sports booking)

MICROPROCESSOR PROJECT – Computer Engineer [APRIL 2022] – [MAY 2022]

- This was my 3<sup>rd</sup> year Microprocessors Project.
- Designed a 16-bit RISC microprocessor using LOGISM, which uses Havard Architecture.
- It had six ALU/Immediate instructions (ADD, SUB, AND, OR, ADDi, ANDi), two Memory Instructions (LOAD,STORE) and 3 Branch instructions(BEq, BNe, JUMP).
- Personally, this was an amazing experience because I happy to have achieved this.

CESSATION CODE – Project Manager/ Lead Developer [MARCH 2023] – [AUGUST 2023]

- This was my final year group Project of 3 colleagues, and I led them to successfully complete this project.
- We developed an Enterprise Resource Planning web solution for small and medium sized businesses called EssentialERP.
- This project was built using the MERN stack, that is MongoDB, ExpressJs, React, and NodeJs
- It is equipped with high level features such as Inventory management, Finance Tracking, Human Resource Management and a Third-Party Integration feature that enables third parties to consume the inventory
- This project provides an efficient and economical solution for streamlining their operational processes for Small and Medium Scale Businesses.

## KEY SKILLS AND INTERESTS

Technical Skills: Knowledge in HTML, Object Oriented Programming (Java, JavaScript, Typescript, PHP, Dart, Python), Embedded C, C, Assembly Language.

Tools: Angular, ReactJS, VueJS, Flutter, Laravel, Bootstrap, Tailwind, MySQL, MongoDB, LOGISM, EAGLE, Microsoft Office, Git.

Interests: Art, Music, Soccer, Basketball, Programming, Artificial Intelligence and Engineering.