CALEB KWABENA KYERE BOATENG

Computer Science Student

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🔗 https://github.com/cLLeB   📍 Kumasi, Ghana

☆ https://portfolio-chi-nine-93.vercel.app/

SUMMARY

As a Computer Science student at Kwame Nkrumah University of Science and Technology (KNUST) , I'm driven by a passion for creating innovative software solutions. I am eager to contribute to impactful projects in the tech industry and grow my technical expertise through practical internship opportunities.

EDUCATION

Bachelor of Science in Computer Science   01/2024 - 11/2027

Kwame Nkrumah University of Science and Technology   Kumasi, Ghana

CERTIFICATION

Burp Suite Mastery: From Beginner to Advanced | Udemy | March 2025

Comprehensive training in web application security testing, vulnerability assessment, and ethical hacking techniques using Burp Suite professional tools.

Product Management and Development | Udemy | July 2025

Strategic approach to product lifecycle management, market research, user experience design, and agile development methodologies for successful product launches.

Research Methodologies in Strategy and Product Development | Udemy | July 2025

Advanced research techniques for strategic planning, data analysis, user research, and evidence-based decision making in product development processes.

LANGUAGES

English   Native ● ● ● ● ●   Akan   Native ● ● ● ● ●

PROJECTS

Custom Language Interpreter   03/2025 - 07/2025

Kumasi, Ghana

A tool designed to parse and interpret custom programming languages.
- Developed a Custom Language Interpreter utilizing Python and ANTLR for educational use.
- Enhanced user experience by incorporating advanced error handling and syntax highlighting.

Blockchain Voting System   05/2025 - Present

Kumasi, Ghana

Voting system leveraging blockchain technology for secure and transparent elections.
- Implemented smart contracts on Ethereum to facilitate secure voting processes.
- Integrated React for building a responsive front-end to enhance usability.

STRENGTHS

🏆 **Software Development Expertise**

Strong grasp of software development principles with practical application.

🏳 **Collaborative Problem Solver**

Ability to work collaboratively in a team setting while solving complex problems.

☆ **Lifelong Learner**

Quick learner who stays updated on the latest technologies and trends.

KEY ACHIEVEMENTS

</> **URL-shortening**

Developed a full-stack URL shortener that provides users with custom short links and detailed analytics. This project showcases skills in backend processing with Node.js and efficient data storage with PostgreSQL

🏅 **File Storage System**

Demonstrated advanced knowledge of distributed computing by creating a functional distributed file system from scratch. This project successfully handles file operations across multiple nodes and implements data replication to ensure system reliability and availability.

SKILLS

Hard Skills

Python · JavaScript · Java · C++ · PHP ·

Solidity · HTML5 · CSS3 · React · Node.js ·

MySQL · MongoDB · Git

Soft Skills

Team Player · Adaptability ·

Problem Solver