

# CALEB KYERE BOATENG

Computer Science Student

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## 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, with a strong focus on **full-stack development** and **blockchain technology**. My proficiency spans **Python, JavaScript/TypeScript, React/Next.js, Node.js, and Solidity**, enabling me to build robust, user-centric applications.

## EDUCATION

Bachelor of Science in Computer Science

Kwame Nkrumah University of Science and Technology (KNUST)

01/2024 - 11/2027 Kumasi, Ghana

## LANGUAGES

English  
Native



Akan  
Proficient



## TRAINING / COURSES

### Computer Science Degree

Completed coursework in Data Structures and Algorithms and Application Development.

### Full-Stack Development Program

Specialization in Full-Stack Development with emphasis on modern web technologies.

## PROJECTS

### Blockchain Voting System

06/2025 - 07/2025 Kumasi, Ghana

This project involved developing a secure and transparent voting application using blockchain technology.

- Built a blockchain voting system leveraging React and Solidity.
- Integrated Web3.js for seamless blockchain interaction.

### URL Shortener Pro

06/2025 - 07/2025 Kumasi, Ghana

Developed a robust URL shortener application that offers users analytics and tracking capabilities.

- Created a URL shortener that handles high traffic efficiently.
- Used PostgreSQL for data storage and Node.js for backend processing.

## STRENGTHS

### User-Centric Development

Excellent at designing and developing user-centric applications.

### Blockchain Expertise

Strong understanding of blockchain technology and its practical applications.

### Agile Methodologies

Proficient in implementing modern software development methodologies.

## KEY ACHIEVEMENTS

### Blockchain Voting System

Developed a blockchain voting system that enhances transparency and security in voting processes.

### Custom Language Interpreter

Created a custom language interpreter that showcases advanced programming skills and understanding of compilers.

## SKILLS

### Hard Skills

Python    JavaScript/TypeScript

Java    C++    PHP    Solidity

HTML5    CSS3    React    Node.js

Express    RESTful APIs

### Soft Skills

Problem-Solving    Team Collaboration

Adaptability