

## OSEI ROY JAKE SARFO

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### Summary

A dedicated computer science graduate with a strong academic foundation in artificial intelligence and software development. React developer with 4+ years of experience building cutting-edge web applications. Thrives in fast-paced environments and enjoys tackling complex challenges. Strong foundation in front-end development with expertise in React, Redux, and modern JavaScript. Also passionate about advancing knowledge through research.

### Skills

**Programming Languages:** Java, Python, JavaScript (TypeScript)

**Tools and Technologies:** Node.js, TensorFlow, Next.js, Express.js, MySQL

**Soft Skills:** Teamwork, Debugging, Performance Optimization, Problem-Solving

### Web Projects

- [Qrates \(music on physical things distribution platform\)](#)
- [TheFigmaStore \(Next.js project\)](#)
- [Ableton](#)

### Academic Project

[Emotion-Based Security Surveillance System](#)

*KNUST, August 2023*

- Developed an AI-powered surveillance system to identify potential security threats by analyzing real-time facial expressions.
- Implemented machine learning models using Python and TensorFlow.

## Awards and Honors

- Ghana Secretariat Scholarship Recipient

## Education

[Bachelor of Science in Computer Science](#)

*Kwame Nkrumah University of Science and Technology (KNUST)*

November 2023

- [Graduated with Second Class \(Upper Division\) - Transcript](#)
- Relevant Coursework: Introduction to Artificial Intelligence, Data Structures and Algorithms, Pure Mathematics