OSEI ROY JAKE SARFO

Royjake.com | royjake629@gmail.com | GitHub

Summary

A dedicated computer science graduate with a strong academic foundation in software development and artificial intelligence. With 4+ years of experience building React-based 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:** TensorFlow | NumPy | Pandas | Node.js| HTML & CSS | Next.js/React.js | Express.js | MySQL | MongoDB | Git | GitHub.
- **Soft Skills:** Teamwork | 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.

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