Okai Tettey-Antie Samuel (O.T.A.S)

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Professional Summary.

A Software Engineer and STEM Educator. Currently deepening expertise in Machine Learning and the .NET and Python ecosystem to build scalable, data-driven applications.Adept at translating business requirements into scalable technical solutions, leveraging a strong pedagogical background to bridge the gap between technical teams and stakeholders.

Technical Skills.

Web & Mobile:

React, Flutter, .Net Framework.

Machine Learning:

Data Analysis and Analytics.

Professional Experience.

Controller | *G4s Ghana* | Dec 2024

- Monitoring Closed-Circuit Television Systems to provide surveillance.
- Monitoring Alarm Signals and communicating with the response team.

Frontend Developer | *Merson Venture Studio* | Aug 2024

- Architecting and maintaining responsive user interfaces using **React** and **Tailwind CSS**.
- Collaborating with cross-functional teams to translate UI/UX designs into high-performance code.

Frontend Developer | *Raycom* | Nov 2023 – July 2024

- Redesigned web interfaces for **Access Bank**, specifically optimizing callback, live chat, and video chat forms for improved user engagement.

Service Support | *Hubtel* | July 2023 – Aug 2023

- Resolved technical issues, acting as a bridge between customer needs and engineering solutions.

DataCenter Technician (NSP) | *Supertech* | Oct 2022 – June 2023

- Managed server infrastructure and provisioning of servers.
- Linux Administration

STEM Educator | *Various Institutions* | 2016 – 2022

- Taught Physics, Mathematics, and Computer Science.
- **Key Achievement:** Simplified abstract concepts for students, a skill now applied to documenting complex codebases and technical system architectures.

Education.

- **M.Sc. Computer Science** | University of Ghana | 2024 – 2025
- **B.Sc. Telecommunications Engineering** | Ghana Technology University College | 2016 – 2022
- **HND Mechanical Engineering** | Accra Technical University | 2018 – 2021

Hobbies & Interests

- **Sound Engineering:** Practical experience in sound design and song composition, applying technical problem-solving to audio production.

OKAI TETTEY-ANTIE SAMUEL(O.T.A.S) The Serpent.