GLORIA CHIDIMA NGWU

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PROFILE SUMMARY

Analytical and solution-driven AI-focused Software Developer with a foundation in chemical/process engineering and over 3 years of technical expertise in operations, automation systems, and troubleshooting. Transitioned into software development, building skills in HTML, CSS, JavaScript, React, and backend exploration. Skilled at translating technical requirements into scalable solutions, with a passion for AI-driven applications, web development, and user-centric design.

TECHNICAL SKILLS

- **Programming & Tools:** HTML, CSS, JavaScript, React, Git, GitHub, TailwindCSS
- **Frameworks & Platforms:** Node.js *(in progress)*, REST APIs *(in progress)*, Visual Studio Code
- **Collaboration & Productivity:** Trello, Slack, Microsoft Office Suite
- **Engineering Systems (Legacy):** DeltaV (Distributed Control Systems), Process Flow Diagrams (PFD, PEFS), PTW Systems

EDUCATION

- **Bachelor of Engineering (B.Eng.) in Chemical Engineering**
  Nnamdi Azikiwe University, Awka, Anambra State | 2015 – 2019
- **National Diploma (ND) in Chemical Engineering**
  Nigerian Army Institute of Technology and Environmental Studies (NAITES), Makurdi, Benue State | 2013 – 2015

COURSES AND CERTIFICATIONS

- **NEBOSH IGC (International General Certificate)** – Safeguard Resources and Technologies Limited, 2024
- **ISO 45001:2018 OHSMS** – Safeguard Resources and Technologies Limited (2024)
- **Permit to Work (PTW) Training (PTW NO : 24/0889060)** – Shell Nigeria (2024)
- **HSE Level 3** – Institute of Safety Professionals of Nigeria (ISPON), 2023
- **Designated First Aider (DFA)** – Nigerian Red Cross Society, 2022
- **Basic Life Support** – Resuscitation Council of Southern Africa, 2022
- **UK HSE Levels 1, 2, 3** – The United Kingdom SHE Organization, 2021
- **DPR Environmental Impact Assessment** – Department of Petroleum Resources, 2021

PROFESSIONAL REGISTERED BODIES (MEMBERSHIP)

- **Registered Engineer** – Council for the Regulation of Engineering in Nigeria (COREN), (In-view)
- **Corporate Member** – Nigerian Society of Engineers (NSE), 2025
- **Corporate Member** – Nigerian Association of Technologists in Engineering (NATE), 2024
- **Graduate Member** – Institute of Safety Professionals of Nigeria (ISPON), 2023
- **Member** – Red Cross Society of Nigeria, 2023

PROJECTS (SOFTWRE FOCUS)

- **Personal Portfolio Website – [Live Preview / GitHub Link]**
  A responsive and accessible personal portfolio site showcasing projects, skills, education, and contact form using HTML and CSS.
- **Basic calculator**
  A simple web-based calculator built with HTML, CSS, and JavaScript. Features include basic arithmetic operations and a user-friendly interface.
- **Basic web page using HTML5 semantic tags**
  A simple web page demonstrating the use of HTML5 semantic tags for better structure and accessibility.

AVAILABILITY

- Available to resume work: As soon as possible