AMO NKANSAH KWABENA

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EDUCATION

University of Energy and Natural Resources.   **Sunyani, Ghana.**
                                                                                   Nov 2024.
Programme: Bachelor of Science, Petroleum Engineering.
Relevant Courses: Process Safety Engineering, Instrumentation and Control System Engineering, Reservoir Engineering I & II, Production Engineering.

CERTIFICATIONS

- HSE Certification – ISO 14001:2015 & OSHAS 18001:2007.
- Governance, Risk and Compliance Program Certification.
- Microsoft Power Platform Certification.
- Management Information System Certification.
- Project/ Product Management Frameworks & Methods Certification.

WORK EXPERIENCE

Ensol Energy Ghana Limited.   **Takoradi – Ghana.**
National Service Personnel – Operations & HSE Department.   **Nov 2024 – Present.**

- **Operations.**
  Assisted team to blend 15m³+ of oilfield chemicals to meet client specifications.
  Supported team to filter 20m³+ of oilfield chemicals to meet client specifications.
  Supported team to decant 500m³+ of a DG-classified chemical into cargo-carrying units.
  Assisted team to bunker 96m³+ of a DG-classified chemical onto offshore vessel.

- **Health Safety & Environment.**
  Completed safety inspections for 10+ client-bound trucks, monthly.
  Undertook fire-fighting and first aid trainings.
  Conducted weekly checks on emergency systems such as fire alarms & smoke detectors.
  Occasionally led toolbox talks before lifting operations.

PROJECTS

SuSpal – Sustainability Dashboard Web App.   **July 2025.**
 Frontend Developer | HTML, CSS, JavaScript.
- Developed a web app to track and visualize key sustainability metrics such as fuel, power and waste.
- Implemented monthly data aggregation and interactive charts for trend analysis.
- Integrated excel file uploads and dynamic parsing for flexible data entry and subsequent analysis.

ProfitPulse – Financial Tracker Web App.   **July 2025.**
 Frontend Developer | HTML, CSS, JavaScript.
- Programmed a web app that aims to help businesses/users to track daily revenue, income and expenditure.
- Implemented auto-calculations for seamless profit/loss assessments.
- Developed financial summaries using interactive summary charts.

Dissertation: CO_2 Enhanced Oil Recovery and Storage: Feasibility Study on the Jubilee Field.   **Sept 2024.**
- Conducted reservoir simulations and analyzed strategies for optimal oil production.
- Assessed the technical feasibility of CO_2 injection for enhanced oil recovery and storage.
- Assessed the economic feasibility of CO_2 injection for enhanced oil recovery and storage.

VOLUNTEER EXPERIENCE

Committee Member – Academic Board, PESA – University of Energy and Natural Resources.   **Sept 2022 – Sept 2023.**
- Reviewed and advised on academic policies.
- Successfully coached contestants to the finals of the maiden HOD quiz cup.
- Advocated for academic excellence by representing student interests in academic board meetings.

SKILLS AND ABILITIES

- **Engineering Software Skills**: Frontend Developer: HTML, CSS, JavaScript | CMG 2021| R-Software | Microsoft Power Platform | Microsoft Suite.
- **Soft Skills**: Analytical thinking | Clear Communication | Very Coachable | Innovative | Team Player.
- **Languages**: English, Twi.
- **Interests**: Reading, Football & Software Development.