

TECHNICAL SKILLS

Languages: Python, SQL, HTML, CSS

Frameworks: NiceGUI, Tailwind CSS, Tkinter, Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn, Stats Model

Tools & Technologies: Git, Github, Visual studio code, Netlify, Power Bi, Excel, Google Workspace, Slack

Database Systems: MySQL, MongoDB, MS SQL Server

WORK EXPERIENCE

ASUSTEM ROBOTICS | Coding Instructor | Onsite

May 2025 – April 2025

- Delivered engaging web development lessons to over 50 learners in Tarkwa, covering HTML, CSS and web development fundamentals.
- Designed and implemented interactive coding activities to promote learner participation and understanding.
- Assessed learner progress through tests and projects, providing constructive feedback to strengthen their coding skills.
- Mentored learners in building their first websites guiding through the development process and troubleshooting issues.
- Trained learners in presentation skills, empowering them to confidently showcase their projects at the final exhibition.

PROJECTS

MEST AFRICA | Web Development Trainee | Accra

August 2025 – September 2025

- **Job Recruitment Platform (Team Project):** Built a responsive job recruitment platform frontend using NiceGUI and Tailwind CSS, integrated with a backend API for job listings and filtering, and enhanced user engagement through an intuitive UI and smooth navigation.
- **Event Management:** Developed an event management website with NiceGUI, integrating backend APIs to enable event creation, deletion, and viewing for seamless event administration.
- **Restaurant Website:** Developed a responsive restaurant website with NiceGUI and CSS, featuring menu highlights, booking, and contact sections for improved accessibility.

ASUSTEM ROBOTICS | Coding Instructor | Tarkwa

May 2025 – July 2025

- **Tarkwa Dev (Company Website):** Guided learners in designing and developing a two page company website using HTML and CSS.
- **TechSkillsHub:** Mentored learners in designing a basic online learning platform interface using HTML and CSS.

AZUBI AFRICA | Data Analyst Trainee | Online

January 2025 – April 2025

- Analyzed trans-border freight data with Python to identify key trade routes and freight volumes by transport mode.
- Developed a personalized product recommendation system using machine learning, improving user engagement and recommendation efficiency.

GI-KACE | Data Analyst Trainee | Accra

October 2024 – December 2024

- Designed and developed a voting system database using MS SQL Server, including data modeling and querying improving system efficiency.

BLOSSOM ACADEMY | Data Science Trainee | Accra

February 2024 – June 2024

- **E-Sentinel (Team Project):** Collaborated with a team to build a cyberbully detection model, enhancing online safety by improving predictive accuracy by 30%.
- Built a heart disease classification model, achieving 85% accuracy, 80% precision, and 90% recall, improving early detection of heart disease.
- Analyzed a melanoma dataset, identifying key trends, such as an average tumor size of 2.5 cm and a 70% 5-year survival rate, providing valuable insights for treatment planning using Python.

ASUSTEM ROBOTICS | AI Trainee | Accra

February 2024 – June 2024

- Designed a text-to-speech application by designing the interface with Tkinter and integrating the OpenAI API to support accessibility.
- Designed and implemented a login and sign-up interface using Tkinter to enhance application usability.

EDUCATION

Bachelor of Science, Midwifery

September 2017 – July 2021

University for Development Studies, Tamale-Ghana

AWARDS

- Most Innovative Project(**Team e-Sentinel**) - GIZ AI fellowship
- Most Outstanding Student, Asustem Robotics

CERTIFICATES

- MEST Africa (Web Development)
- IBM (Web Development Fundamentals)
- Fundamentals of Azure AI Services (Microsoft)
- Introduction and Intermediate Python for Developers (DataCamp)
- Introduction to SQL(DataCamp)
- Blossom Academy (AI, SQL, PowerBI)
- CAMFED (Python)

LANGUAGES: ENGLISH (Fluent) | FRENCH(Basics) | German (A1).