

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).