

# JEMIMA SEKYERAA ASARE

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## PROFILE

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Junior Web Developer with over 1 year of experience specializing in building user-centered web applications and scalable backend systems. Proficient in Python, Django, and NiceGUI, with a strong background in AI prompt engineering and IoT prototyping. Proven ability to transition from frontend to backend development while collaborating in agile teams to deliver data-optimized solutions.

## SKILLS

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### Core Competencies

- Problem-Solving and Time Management
- Communication and Teamwork
- Creativity & Innovation
- Continuous Learning and Adaptability

### Technical Proficiencies (for Efficiency and Automation)

- Programming: Python, HTML, CSS, JavaScript
- Frameworks & Tools: Nicegui(Frontend), Django (Backend APIs, Authentication, Database Models), REST APIs
- Data & Security: PostgreSQL/MySQL, and User Authentication.
- AI & Automation: AI Prompt Engineering, IoT Prototyping and Robotics.
- Tools: Git/GitHub, VS Code, Postman, Browser DevTools.

## EXPERIENCE

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### STEMAIDE AFRICA, Intern

10/2025 – 12/2025 | Ring Road, Accra

- Transitioned from frontend to backend development, contributing to a Django-based Learning Management System by assisting in building APIs, user authentication, and database models.
- Supported development of scalable LMS features, including relational database integration for course/lesson management and real-time progress tracking, tested with simulated 200+ users.
- Collaborated in an agile team with professional developers, participating in code reviews and technical problem-solving while actively deepening Django and backend skills on the job.

### MULTICHOICE GHANA LTD., Customer Service Rep

11/2024 – 06/2025 | Abelempe, Accra-Ghana

- Managed queries for 300+ users, troubleshooting digital interfaces and subscriptions, which deepened interest in secure, data-optimized user systems.
- Guided customers through account processes, improving satisfaction by leveraging technology for efficient data handling and retention.

### QUALITY CONTROL COMPANY(COCOBOD), National Service Personnel

12/2023 – 09/2024 | Accra, Ghana

- Supported projects with detailed data analysis and technology-driven tasks, promoting collaboration to meet organizational goals.
- Adapted to responsibilities, applying information studies to enhance data organization and system efficiency.

## PROJECTS

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### Personal Portfolio Website, HTML, CSS, and JavaScript

Developed a personal portfolio to showcase web development projects, which enhanced professional visibility and personal branding, and solved the challenge of lacking a central platform to present skills and growth.

### Task Manager Application, Python, Tkinter, and MongoDB

Built a task manager using Python, Tkinter(for GUI) and MongoDB to manage and store tasks, which improved efficiency and organization, and solved the problem of tracking tasks manually without a structured system.

### Smart Security System, Capstone Project (DIVE Program)

Skilled in hardware prototyping, Arduino programming, and sensor integration, including circuit design and prototype fabrication. Experienced in branding, pitch deck development, digital marketing, and AI-driven content automation for promotional materials. Proficient in applying design thinking from empathy to testing for user-focused solutions.

## **EDUCATION**

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**University of Ghana, Bachelor of Arts in Information Studies (GPA : 3.08)**

08/2019 – 09/2023 | Legon, Accra-Ghana

## **CERTIFICATES**

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**MEST Africa- GROW Program**

Web Development- Frontend

**IBM SkillsBuild**

Web Development Fundamentals

**HP LIFE online course**

Data Science & Analytics

**Google (Coursera)**

AI Prompt Engineering Certification

**DIVE Training Program**

Digital Innovation, AI & Robotics

**STEMAIDE Certified Instructor**

Coding, IoT & Robotics

## **REFERENCES**

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**Available upon request**