José Maurel KOUASSI

Full Stack Developer | AI & Network Enthusiast

Email : maurel.kouassi@epitech.eu / Linkedin: www.linkedin.com/in/josé- maurel-kouassi-

~~152b39264~~ / **Mobile :** +229 52858695

Junior Software Engineer and Computer Science bachelor's student at EPITECH Benin, with three years of academic and hands-on experience in software development and computer networking. Gained practical industry exposure through an academic internship at GRIDCo (Ghana Grid Company). Harvard CS50 and IBM-certified, with a strong interest in building scalable digital solutions to support Africa's development.

PROFESSIONAL EXPERIENCES

Network Engineering Intern — GRIDCo (Ghana Grid Company)   *Accra, Ghana | 2024*
- • Designed and analyzed network topologies
- • Configured IP addressing and diagnosed connectivity issues & Installed and maintained network hardware

Software Developer — DES-Consulting   **Calavi, Benin |** *2024 – Present*

Designed and implemented a web information system to digitize, secure, and optimize the agricultural input distribution value chain (seeds, fertilizers, and phytosanitary products) - Developed core features for beneficiary management, input tracking, and process transparency for farmers, cooperatives, and stakeholders.

PROJECTS

DHCP – Hub   **2025**

Deployed a multi-platform DHCP server and integrated a DNS server to build a more comprehensive network infrastructure

Agricultural Management System   **2024**

Creation of a website to list key foodstuffs (corn, cassava,tomatoes) by locality and monthly quantity.

AREA – Automation Platform   **2025**

Development of a distributed automation platform enabling users to create trigger-action workflows between services, with a focus on API integration, backend architecture, authentication, and scalable event handling.

NeedForSteck – AI Autonomous Car   **2024**

Developed an autonomous car simulation using machine learning and pathfinding algorithms for intelligent navigation and obstacle avoidance

Skills

- • Django, Docker, MySQL, Express.js (Node.js Framework), Ansible, CISCO tool configuration (Switchs, Routers..)
- • Strong programming skills in **C, C++, HTML, CSS, and CSFML**
- • **Fluent in both French and English**, able to work professionally in both languages.

DIGITAL CERTIFICATES/ATTESTATIONS/BADGES

- Cybfun.4.0: Basic Network and Database Security **– IBM**   *2024*
- CS50's Introduction to Computer Science **– HarvardX**   *2024*
- CCNA Introduction to Networks **– CISCO**   *2025*

EDUCATIONS

- *EpitechUniversity –*   Bachelor's in computer Expertise   **2023 – now** | **Cotonou**
- *Pigier BENIN University –*   Network and Systems Administration   **2025 – now** | **Cotonou**