SYLVERE KINOX KOUFFOSSI

Embedded Systems & IoT Student | Web Developer | Tech Entrepreneur

Motivated and creative web developer with a strong foundation in embedded systems and IoT. Passionate about building real-world digital solutions for entrepreneurs and small businesses.

Contact

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Abomey-Calavi, Benin

Portfolio
sylverekouffossi.netlify.app

Education

Bachelor in Embedded Systems & IoT
Institut de Formation et de Recherche en Informatique (IFRI), Benin
2024 – 2027

Bachelor in Communication & Humanities
Faculty of Arts and Communication, Benin
2024 – 2027

skills

- Languages: C, Python, JavaScript, HTML/CSS, MySQL
- Tools: Git/GitHub, Arduino IDE, VS Code, Figma, Canva
- Soft Skills: Leadership, autonomy, fast learning, organization

Professional Experience

Project Lead – Smart Water Level Detection System

Abomey-Calavi, Benin

- Designed and built an IoT-based system to monitor water levels in real time for rural communities
- Focused on creating a low-cost, reliable solution to prevent water shortages and optimize usage
- Developed embedded software to collect sensor data and transmit alerts to local users
- Worked with students and community members to test and adapt the system to real needs

Founder – Smart GPS Tracking System (Personal Project)
Abomey-Calavi, Benin | 2024 – Present

- Developed a real-time IoT tracking system for motorcycles, phones, and valuables
- Built a mobile app and website for project presentation
- Integrated intelligent notifications to reduce user overload
- Fully self-financed: software prototyping and hardware plannin

Founder & Director – Creative Web Agency

Abomey-Calavi, Benin | 2024 – Present

• Launched and managed a web agency serving local businesses and entrepreneurs
• Designed and deployed showcase websites, e-commerce platforms, and online presence solutions
• Integrated WhatsApp, contact forms, and online payment systems
• Delivered multiple websites for small businesses, including IT equipment vendors.

Backend Developer – Carpooling App

(Academic Project)

Abomey-Calavi, Benin
• Designed database architecture and API endpoints for user and trip management
• Implemented booking logic and placement rules
• Collaborated with a multidisciplinary team for final delivery and presentation
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