

Ndiawar Diop

Full Stack Developer & IoT Specialist

Passionate about software development and IoT, I design innovative solutions by combining technical expertise, agile collaboration, and digital process optimization. Specialized in Full Stack Development, IoT Automation, and Software Architecture, I focus on performance, security, and user experience.



Âge	Nationalité	Portable	Adresse
23 ans	Sénégalais	+221 772507587	Grand-Mbao, Dakar
Langue	Permis	E-mail	
French	B	ndiawar20@gmail.com	

### Skills

- Back-End: Node.js (Express.js, NestJS), Laravel, PHP, Python (Flask, Django)
- Front-End: React.js, Angular.js, Vue.js, Inertia.js, Electron.js
- Mobile: React Native
- Databases: SQL (MySQL, PostgreSQL), NoSQL (MongoDB)
- IoT & Automation: Raspberry Pi, biometric sensors, industrial automation
- DevOps & Security: Docker, CI/CD, security audits
- Tools & Project Management: Git, Jira, Trello, Figma (UI/UX)
- CMS: WordPress, Joomla, Drupal

### Strengths

- Strong adaptability to new technologies.
- Ability to design optimized and scalable solutions.
- Passion for innovation and technological research.

### Education

IoT Developer & Technician Certification	Senegal, Dakar
Simplon Sénégal	Sacrée Cœur
2024 → 2025	
Software Development Certificate	Senegal, Dakar
Bakeli School Of Technologie	HLM Grand Yoff
2021 → 2022	
Bachelor's degree in Software Engineering	Senegal, Dakar
Ecole Supérieur Informatique Appliquée	Hann Mariste
2017 → 2019	

### Experience

Simphon Sénégal	Full Stack Developer & IoT Specialist	Senegal, Dakar
05 Jul. 2024 → 31 Mar. 2025		Sacrée Cœur
I develop web and mobile applications using React.js, Node.js, and Laravel, create IoT solutions for automation and real-time data collection, and collaborate with Agile teams to design high-performance and secure solutions.		
Kolokolo Tech	Assistant Developer (Freelancer)	Sénégal, Dakar
May 2022 → May 2024		
I developed specific features using Vue.js, Inertia.js, and Laravel, optimized REST APIs to improve speed and security, and integrated CI/CD pipelines to automate deployments.		
Bakeli	Web Development Intern	Senegal, Dakar
2021 → 2022		
I developed modern user interfaces using React.js and Figma and designed and managed databases with MongoDB and PostgreSQL.		