

Seydina Thioub Diagne

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Portfolio : seydinathdiagneportfolio.vercel.app

Aspiring full stack developer with a solid background in network infrastructure and security. Currently pursuing a Master's in Software Engineering and CCNA3 certification, I build secure and maintainable web applications using React, TypeScript, and Sass CSS — guided by Clean Code principles. My hybrid profile allows me to merge application performance, network resilience, and security standards to tackle modern technical challenges.

Experience

IT TECHNICIAN | INTEL CIA |

MAY 2021 - PRESENT

- **User Support:** Helping users with technical questions and guidance towards solutions.
- **System maintenance:** Carrying out maintenance and regular updates of computer systems and networks.
- **Documentation:** Keeping records of support requests, solutions provided and system configurations.
- **Training:** Training sessions and educational materials to help users understand and use technology effectively.
- **Troubleshooting and problem solving:** Diagnosis and correction of hardware and software problems for users.

DEVELOPER | SENGEOSYSTEMS |

2020-2021

- **Development and maintenance:** participation in the implementation of automotive tracking software (javascript, APIs)

DEVELOPER | NEW KIND OF DEVELOPMENT |

2018-2020

- **Definition, management and monitoring** planning and task distribution.
- **Budget management:** Creation and management of budgets, ensuring cost-effectiveness.
- **Supplier management:** Negotiation and management of relationships with external suppliers and service providers.
- **Team management and project management** by applying the principles of the Agile method.
- **Web development** using PHP, CSS, Wordpress

Training

CISCO CERTIFIED NETWORK ASSOCIATE (CCNA)

2025

CERTIFICATION COMPOSED OF THREE MODULES CCNA1, CCNA2, CCNA3

◆ **Networks:** Types (LAN, WAN), models, transmission.

◆ **OSI/TCP-IP models:** Layers, protocols.

◆ **Cabling & Hardware:** Cables, switches, routers.

◆ **Addressing & Ethernet:** IPv4/IPv6, subnetting, switching.

◆ **Routing:** OSPF, RIP, configuration

◆ **Security:** ACL, VLANs, VPN, LAN networks, DHCP snooping

◆ **VLAN configuration & inter-VLAN routing:** VLAN creation and management

◆ **Implementing network redundancy:** improving network resilience

□ **WLAN Wireless Network Configuration:** Deployment and Security

MASTER SOFTWARE ENGINEERING | 2025 |

2025

WOOLF UNIVERSITY

◆ **Advanced development :** Languages (HTML, CSS, JAVASCRIPT, NODE.JS, SQL, REACT...), Algorithms,

◆ **Software architecture :** Design Patterns, API.

◆ **Project Management :** Agile, GitHub, Git, Leadership

SOFTWARE ENGINEERING LICENSE

2017

UNIVERSITY DAKAR BOURGUIBA

Transversal Skills

Languages

- **French:** fluent
- **English:** fluent (technical and conversational)
- **Spanish:** beginner level

Digital Communication

- Proficient in modern communication tools (Microsoft suite, Canva, social platforms)
- Fast-track training in digital strategy, professional writing, and technical content creation
- Ability to simplify complex topics for both technical and non-technical audiences

Soft Skills

- **Leadership:** team coordination, decision-making in technical environments, mentoring
- **Adaptability:** solving complex problems, creative thinking, responsiveness under pressure
- **Time Management:** prioritization, task organization, deadline adherence, multitasking with structure