

Memoué KONE

Nationality: Ivorian

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 GitHub  LinkedIn

Education

- **Master's Degree (M2) in Software Engineering and Information Systems (Software Design Engineer)**
Ecole Supérieure Polytechnique, Dakar
Year of Graduation: 2025
- **Master's Degree (M1) in Software Engineering and Information Systems (Software Design Engineer)**
Ecole Supérieure Polytechnique, Dakar
Year of Graduation: 2024
- **Bachelor's Degree (L3) in Software Engineering and Information Systems**
Ecole Supérieure Polytechnique, Dakar
Year of Graduation: July 2023
- **Higher National Diploma in Computer Science**
Ecole Supérieure Polytechnique, Dakar
Year of Graduation: July 2022
- **Scientific Baccalaureate**
Lycée Mixte 1 of Yamoussoukro, Yamoussoukro
Year of Graduation: September 2020

Certifications

- Information Security Certification – Microsoft, March 2025
- Foundational C# – Microsoft, December 2024
- Cloud Native, DevOps, Agile and NoSQL – IBM, October 2024
- Artificial Intelligence – Senegal Digital University, December 2023
- PL/SQL (Oracle) – Oracle Academy, April 2024

Professional Experience

- **Developer / System Administrator – Freelance (Fixed-term Contract)**
SOUMGLOBAL LLC, United States – Since May 2025
 - Developed a desktop dashboard for the economic equilibrium model of the Ministry of Mines, Petroleum and Energy (Java 17+).
 - Developed a mobile application connecting transporters and clients (Spring Boot backend, Flutter frontend).
 - Implemented a real-time data scraper in Python (Flask).
 - Administered and secured Linux servers (VPN, DNS).
 - Key Project: **GpMonde.com** (gpmonde.com) – Parcel transportation platform built with Spring Boot 3, Angular 19, and PrimeNG.
- **Full Stack Developer – Java 17 and Above**
Amentys / SMA (France), Dakar – Nov. 2024 to May 2025
 - Migrated Java 6 JEE applications to a cloud-native microservices architecture using Spring Boot 3.
 - Migrated frontend from AngularJS / Angular 6 to Angular 17, 18, and 19; replaced Bootstrap with PrimeNG.
 - Secured APIs and implemented CI/CD pipelines with automated testing (SAST/DAST).
 - Monitored services using Prometheus and Grafana; containerization and deployment with Docker and Nginx.
- **Web Developer Consultant – Freelance**
Ivoire Logement, Bouaké – April 2023 to March 2024
 - Developed **magestionhotel.com** (magestionhotel.com): a complete hotel management system.
 - Stack: Django (REST), Vue.js 3, PostgreSQL, Tailwind CSS, Docker.
 - Deployed on Linux VPS with HTTPS, Nginx, and automated backups.
- **Information Systems Intern**
UMOA-Titres / BCEAO, Dakar – August 2023 to May 2024

- Conducted security audits and vulnerability analysis.
 - Assisted with user access management (Office 365, Active Directory).
- **Software Development Intern**
Baamtu, Dakar – May 2022 to August 2022
 - Developed a tool for analyzing money transfer flows.

Freelance / External Projects

- **Iub-university** – Parcel Transportation Platform
Stack: Spring Boot 3, Angular 20, PrimeNG.
iub-university.com
- **adherent.sondago** – Hotel Management Solution
Stack: Django REST, Vue.js 3, PostgreSQL, Tailwind CSS.
adherent.sondago.net
- **Ministry of Energy Dashboard** – Economic Equilibrium Model
Desktop application in Java 17, database integration.

Technical Skills

- **Development:** Java, Spring Boot, Python, Flask, Django, JavaScript, Vue.js, Angular, C#, PHP, Flutter.
- **Systems and Networks:** Linux, Nginx, DNS, VPN, network security, server administration.
- **Databases:** MySQL, PostgreSQL, MongoDB, Oracle.
- **CI/CD - DevOps:** Docker, Git, Jenkins, GitHub Actions, GitLab CI, Kubernetes.
- **Cybersecurity:** OWASP, ISO 27001, NIST, PCI-DSS, SAST/DAST, Nessus, Metasploit, Wireshark.
- **Tools:** Prometheus, Grafana, IntelliJ, VS Code, Postman.
- **Other:** Morse code translation and communication.

Languages

French: Fluent

English: Intermediate (reading and technical documentation)