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Certifications

- Associate AI Engineer for Developers ↗
DATACAMP
- AWS Cloud Practitioner (CLF-C02) ↗
DATACAMP
- Software Engineering Principles in Python ↗
DATACAMP
- Advanced Git ↗
DATACAMP

Languages

French
English

Soft Skills

- Migration
- Leadership
- Code review / mentoring
- Organization and Time Management
- Adaptability and Quick Learning
- Problem-Solving Skills
- Autonomy

Technical and practical skills

- Databases
- MySQL
 - PostgreSQL
 - MongoDB

- Framework
- NestJs
 - Django
 - Laravel
 - NodeJs
 - ReactJs
 - Angular

- Infrastructure
- 1panel
 - AWS
 - MinIO

- Software Development
- HTML
 - Java
 - CSS
 - PHP
 - JavaScript

- Web application deployment
- Sonarqube
 - Docker
 - Kubernetes
 - ArgoCD
 - GitLab CI
 - GitHub Actions
 - Jenkins

- Développement informatique
- Python

Interests

- Technology
- Games
- Travel
- Sport
- Learning

Mouhamed SAVANE

Software Engineer | Développeur Fullstack | DevOps

Software Engineer with a Master's degree in Information Systems and Software Engineering from ESATIC. I design, secure, and deploy end-to-end web, mobile, and IoT applications (Django, NestJS, React). Specialized in high-stakes critical systems (Fintech, multi-tenant SaaS), I automate infrastructure and embed security straight into production pipelines (Docker, Kubernetes, GitOps...).

Education and training

- MASTER'S DEGREE ↗ Portfolio From Sep 2025 to Jul 2026
ESATIC Abidjan Treichville Abidjan Treichville
- BACHELOR'S DEGREE ↗ Portfolio From Sep 2020 to Sep 2024
ESATIC Abidjan Treichville Abidjan Treichville
- HIGH SCHOOL DIPLOMA | SCIENCE TRACK ↗ Portfolio From Sep 2020 to Jul 2021
Saint Gilbert Djago College, Abobo Abidjan Abobo
- ADMINISTRATION SYSTÈMES ET RÉSEAUX ↗ Portfolio From Oct 2026 to Present
CEDITECH Abidjan, Cocody 2Plateux
This intensive training program prepares future experts to design, deploy, secure, and manage modern IT infrastructures. It combines mastery of physical networks and local servers with the flexibility of Cloud environments. With a strong emphasis on hands-on practice, this curriculum delivers the key skills required to ensure high system availability and corporate data security. Additionally, a comprehensive technical English training module is included to enable students to work effectively in international environments. Included Certifications: • Cisco (CCNA) • Microsoft (Azure Administration) • CompTIA (Network+ / Security+)
- AWS CLOUD PRACTITIONER (CLF-C02) ↗ Portfolio From Aug 2026 to Aug 2026
DATACAMP On ligne
AWS Certified Cloud Practitioner (CLF-C02) Training. It covers: -Understanding Cloud Computing -Core AWS Concepts -AWS Cloud Technology and Services Concepts -Security and Cost Management Concepts on AWS
- ASSOCIATE AI ENGINEER FOR DEVELOPERS ↗ Portfolio From Aug 2026 to Present
DATACAMP On ligne
Learn to integrate AI into software applications using APIs and open-source libraries.

Projects

- FULLSTACK | DEVOPS ↗ Portfolio From Jan 2026 to Aug 2026
NEXORA Abidjan, Cocody Angré
Theme : Plateforme LBC/FT - SaaS Compliance
Objective
Multi-tenant SaaS platform allowing audit firms to assess money laundering risks (AML/CFT) and generate KYC scores compliant with regulatory standards (FATF).
Missions
 - Design and development of a multi-tenant SaaS platform for regulatory risk management (AML/CFT)
 - Development of a modular NestJS API covering authentication, KYC, scoring, and subscription managementModeling of a risk scoring engine based on a hierarchical structure (domains → categories → factors)
 - Implementation of a robust security system (global JWT, RBAC, rate limiting, strict validation, HTTP protection)
 - Setup of a CI/CD pipeline (Jenkins + Docker) with automated deployment on a VPSDesign of a scalable architecture with data isolation and tenant managementTechnologies : NestJS, TypeScript, MongoDB, React, Vite, TailwindCSS, React Query, Redux Toolkit, Docker, Jenkins, GitHub, CI/CD, 1panel
- FULLSTACK | DEVOPS ↗ Portfolio ↗ Website From Jan 2026 to Aug 2026
NEXORA Abidjan, Cocody Angré
Theme : EOPS - SaaS platform for Business Process Management (BPM) and Human Resources
Objective
Design and implementation of a Business Process Management (BPM) SaaS platform enabling organizations to model, automate, and execute their business processes (HR, finance, administration) through configurable workflows with real-time tracking.
Missions
 - Design and development of a multi-tenant SaaS platform dedicated to the digitization of organizational processes
 - Implementation of a configurable workflow engine (procedures, steps, actors, triggers, instances)
 - Development of a visual drag-and-drop editor for workflow modeling and dynamic formsSetup of a real-time process execution and tracking system via WebSocket
 - Setup of a CI/CD pipeline (Jenkins + Docker) with automated deployment on a VPSTechnologies : NestJS, TypeScript, MongoDB, React, TailwindCSS, React Query, Redux Toolkit, Docker, GitHub, GitHub Actions, Postgres, CI/CD, 1panel
- FULLSTACK | DEVOPS ↗ Portfolio ↗ Website From Jan 2026 to Aug 2026
NEXORA Abidjan, Cocody Angré
Theme : Médico
Objective
The main objective is to improve the continuity and quality of healthcare by enabling patients to manage their medical records, control their sharing with authorized healthcare professionals, and access healthcare services more easily, while ensuring the security and confidentiality of medical data.

Social networks

https://www.linkedin.com/in/mouhamedsavane
https://github.com/SAVANEMouhamed
https://gitlab.com/users/savanemouhamed05/
contributed

References

ESATIC
ESATIC
info@esatic.ci

Projects

Missions

- Design and develop the web and mobile modules of the platform: patient, practitioner, and pharmacy.
- Develop the electronic medical record and secure medical data-sharing mechanisms.
- Implement core business features: medical appointments, electronic prescriptions, and medication ordering.
- Implement security mechanisms: OTP/2FA, encryption, RBAC, consent management, and rate limiting.
- Deploy and maintain the solution in production, including CI/CD pipelines with GitHub Actions and Jenkins, monitoring, and backups.

Technologies : React, React Native, TypeScript, Django, PostgreSQL, Redis, Docker, GitHub Actions, Jenkins, Nginx, 1Panel, Git, Flutter, Dart, 1panel

FULL-STACK DEVELOPER | DEVOPS [↗ Portfolio](#) [↗ Code](#)

2025

[ATOS ACADEMY](#) · [In a position](#)

Theme : Banking Management App

Missions

- Absolute Data Security: Implement strong encryption and multi-factor authentication (MFA) to safeguard client information and financial flows.
- Modular Account Architecture: Design a robust system for real-time bank account creation, modification, and closure.
- Reliable Transaction Engine: Develop a processing module for transfers and operations ensuring strict data integrity (zero data loss or double debits).
- Modern User Experience (UX/UI): Build a clean, intuitive web dashboard to minimize processing times for account managers.
- Traceability and Auditing: Integrate an unalterable logging system to track all administrative actions and transactions for regulatory compliance.

Technologies : Leadership, PostgreSQL, Django, HTML, CSS, Registry Gitlab, Docker, Kubernetes, ArgoCD, GitLab CI, Jenkins, Python

TECH LEAD [↗ Portfolio](#)

From Jul 2025 to Nov 2025

[Atos ACADEMY](#) Abidjan Plateau

Theme : VoteSmart

Objective

Digitization platform for the electoral process with secure voting and real-time synchronization.

Missions

- Design of a full-stack electoral management platform (registrations, voting, results)
- Development of secure APIs for electronic ballot box integrationImplementation of an embedded system (ESP32) for vote collection and transmission
- Setup of advanced security mechanisms (authentication, encryption, auditing)
- Real-time synchronization between ballot boxes and the central platform
- Deployment via Docker + Kubernetes for high availability
- Implementation of a CI/CD pipeline (GitLab, Jenkins, ArgoCD)

Technologies : Django, C++, ESP32, WebSocket, Docker, Kubernetes, ArgoCD, Jenkins, IA (LLaMA, Gemma), CI/CD

FULL-STACK DEVELOPER | ELECTRONICS ENGINEER [↗ Portfolio](#)

From Apr 2024 to Nov 2024

[Orange Digital Center](#) · [In a position](#)

Theme : Toulou

Objective

The main objective of this project is to enable real-time monitoring of fuel consumption across different OCI sites. This involves several sub-objectives, namely: providing OCI with better visibility into its fuel consumption, ensuring the integrity of deliveries, controlling expenditures, and preventing potential cases of fraud.

Missions

- Real-time monitoring of the total fuel volume and tank capacity percentage using the deployed device
- Automated alert generation when user-defined refueling thresholds are reached
- Real-time fuel leak detection for immediate corrective action.
- Centralized web interface to visualize data across all sites, including global statistics
- Advanced sorting and filtering capabilities to organize information by site and generator

Technologies : MySQL, MangoDB, Django, NodeJs, ReactJs, CSS, JavaScript, Docker, GitHub Actions, Python