

MOUSSA Ismael

Full Stack Developer

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GitHub: <https://github.com/Ismael0u> | Portfolio: <https://portfolio-smael.vercel.app/#certifications> | LinkedIn:

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Professional Summary

Full Stack Developer with a B.S. in Software Engineering (2025). Practical experience building web and mobile applications using Django, React, React Native and Expo, plus UI/UX design in Figma and graphic design with Photoshop & Illustrator. Skilled in REST API integration, authentication systems, and AI-assisted features such as facial recognition. Dependable, results-oriented and eager to contribute to user-centered products and grow in software engineering roles.

Education

Ecole des Mines et de Génie (EMIG), Niamey — B.S. in Software Engineering, 2025

Experience

Novatech Niger — Full Stack Developer Intern (Apr 2025 – Jun 2025)

- Developed EMIGResto, a restaurant management platform with Django backend and React frontend (Expo for mobile). Implemented REST APIs and PostgreSQL data models.
- Implemented role-based authentication, ticketing and notifications; optimized endpoint performance and reliability.
- Collaborated with stakeholders to translate needs into technical specifications and deliver production-ready features.

NIGELEC — IT Maintenance Assistant Intern (Jul 2024 – Sep 2024)

- Maintained and configured workstations and network equipment to ensure service availability.
- Diagnosed and resolved technical incidents, improving support procedures and reducing ticket resolution time.

Selected Projects

EMIG Resto — University restaurant management platform (Django, React, React Native, Expo). Features: menu management, reservations, digital tickets. Repo: <https://github.com/Ismael0u>

FaceLogin — Facial-recognition attendance system (DeepFace, Streamlit): webcam authentication, presence logging, admin dashboard.

Mini Educational Chatbot — Voice-enabled educational chatbot (Python, Streamlit) with TTS and quiz mode; knowledge-base driven responses.

Kayanabinchi — Web application for restaurant services and stock management: product administration, order tracking, reservation UI.

Certifications

- OCI AI Foundations — Oracle (2025)
- CS105: Introduction to Python — Saylor Academy (2025)
- CS101: Intro to Computer Science I — Saylor Academy (2025)
- PRDV200: Communicating with Data — Saylor Academy (2025)
- ESL003: Upper-Intermediate ESL — Saylor Academy (2025)
- IEEE Student Membership (2024)

Technical Skills

Languages: Python, JavaScript, PHP, SQL

Frameworks/Tools: Django, Django REST Framework, React, React Native, Expo, Streamlit, Docker, Git, Linux

Databases: PostgreSQL, MySQL

Design: Figma (UI/UX), Adobe Photoshop, Adobe Illustrator, Expo

Soft Skills

Communication, Teamwork, Problem solving, Adaptability, Time management

Languages

French (Native) — English (Intermediate) — Spanish (Beginner)

Activities & Leadership

Member of DevByte Community; member of EMIG computing community; IEEE student member; participant in university parliamentary debate competition (advanced stage).

References available upon request • Portfolio & code: <https://github.com/IsmailOu> • Portfolio: <https://portfolio-smael.vercel.app/#certifications>