

CHARLES NDIAYE

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PROFESSIONNAL SUMMARY

Software Engineering Student passionate about turning complex problems into simple, scalable code. I focus on writing rigorous, high-quality software and contributing to innovative projects.

PROFESSIONAL EXPERIENCE

Koust

Software Developer Intern

May 2025 – September 2025

Development and improvement of functionalities of a management web application, Design and optimization of SQL queries to make data reliable and automate reports, Creation and integration of REST APIs, Customization of reports, Direct interaction with customers to understand their needs and propose adapted solutions

Les Genêts d'Or

Production worker
2024

June – August 2023 & June – August

Teamwork on the production line in a medico-social environment, Strict compliance with safety and hygiene standards, Participation in the optimization of internal logistics flows, Training of newcomers on standard production processes

PROJECTS AND REALISATIONS

[Anomacheck](#)

Web application for detecting and reporting anomalies in industrial processes, Anomaly detection by image processing and machine learning models, User interface developed in Django

[WeatherApp](#)

Full-featured Android weather app developed in Kotlin with Jetpack Compose, allowing users to search and view weather forecasts for any city.

[Chatify ChatBot](#)

Real-time chat app powered by the Google Gemini LLM, developed as part of the recruitment process. The app focuses on modern UX, data security, and performance.

ACADEMIC BACKGROUND

Software Development Engineer Cycle

ISEN Yncréa West | 2023 – Today, Brest, France

Preparatory classes for the grandes écoles

Marist Post-Baccalaureate Institute | 2020 – 2022, Dakar, Senegal

SKILLS

Français (Natif), Anglais (B2), Espagnol (B1), Chinois (A1), Python, PL/SQL, JavaScript, C, Java, R, HTML/CSS, TypeScript, Next.js, SQL, PHP, Matlab, Oracle Apex, JasperSoft Studio, Django, Git, Linux, Scikit-Learn, TensorFlow, Pytorch