

LORIS DRID

Software Engineer

Software Engineer specialized in Human-Computer Interaction (HCI), currently pivoting toward AI integration. Focused on building intuitive interfaces powered by LLMs and automated workflows. Bridging the gap between modern full-stack development and emerging AI technologies through hands-on project implementation.

Contact

Phone

+33 6 51 09 15 30

Email

lorisdrid3000@gmail.com

linkedin

[loris-drid](#)

website

[lorisdrid.fr](#)

Technical skills

Dev: Java, Python, JavaScript

Frontend: React, Angular, SAP UI5, HTML/CSS

Backend: Spring Boot, Node.js, REST API

Cloud & DevOps: Docker, Jenkins, Git/GitHub

Databases: MongoDB, InfluxDB, SQL, NoSQL, Prisma

AI & Data: LLM Integration, OCR, Prompt Engineering, machine learning

Languages

French: native

English: C1 (TOEIC 940)

Education

2022 - 2025

Polytech Nice Sophia, France

ENGINEER'S DEGREE IN COMPUTER SCIENCE

2020 - 2022

Lycée Claude Fauriel, Saint-Étienne

PREPARATORY CLASSES - MATHEMATICS & PHYSICS

Experience

March 2025 - Sept.2025

SAP Labs, Mougins, France

UI CLOUD ENGINEER INTERN

- **Full-stack development** (Java Spring Boot, SAP UI5) in **agile teams** with cross-functional collaboration and presentations to international stakeholders
- Designed and implemented **multi-tenant cloud features** for enterprise **BPMN workflows**, deployed and used by **1,000+ tenants**
- Created **AI-powered proof of concept** for BPMN editor with **50+ Figma** screens covering **multiple user scenarios**.

May 2024 - Aug.2024

DNIIT, Da Nang, Vietnam

FULL-STACK DEVELOPER INTERN

- **End-to-end development** of eco-responsible e-commerce platform with **autonomous project ownership**
- MongoDB database integration and **CO2 emissions calculation API** through problem-solving and technical research
- **Eco-labeled product catalog** with optimized user interface, iterating based on user feedback

Key Projects

APPLYBOARD – AI-Powered Job Application Tracker

github.com/LorisDrid/ApplyBoard

- **Intelligent Automation:** Automated extraction of job data (company, status) from Gmail using **Gmail API** and **LLaMA 3.3 (Groq)**.
- **Advanced Pipeline:** Multi-stage filtering system to optimize **LLM calls** and real-time synchronization with a **Next.js 15 Kanban board**.

Technologies: Next.js 15, TypeScript, Prisma (PostgreSQL), NextAuth.js (OAuth), Groq/LLM

MANGA-OCR-Translator – AI-Powered Manga Translator

github.com/LorisDrid/manga-ocr-translator

- **Multi-Engine OCR:** Integrated **PaddleOCR** and **Manga-OCR** with **LLMs** to automate translation for **JA/KO/EN** via **Ollama**
- **Microservices Architecture:** Engineered a containerized environment using **Docker Compose** profiles for seamless local **LLM orchestration**.

Technologies: Python (Flask), Docker, Computer Vision, LLM (Qwen 2.5)