

LORIS DRID

Contact

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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)

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.

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)