

Mohamed RAHMANI

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SUMMARY

Interested in backend development and autonomous systems, with experience/projects in Python, Java, REST APIs, Docker, and CI/CD. I am looking for a 4-month internship starting in May 2026.

EDUCATIONS

Master Ingénierie logicielle , Université Paris-Saclay	Sep 2025 - Jun 2027
Cours: Distributed Systems, Object-oriented software design, Statistics, Data Analysis	
BUT Informatique , Université Sorbonne Paris Nord	June 2025
Cours: Systems Design, Network, Data Structures and Algorithms, OOP	

WORK EXPERIENCE

HALIL	Jun 2025 - Sep 2025
<i>Software Development Intern</i>	<i>Paris, France</i>
<ul style="list-style-type: none">Designed and deployed an internal web application for the sales team, with a NextJS frontend application, a Spring Boot REST API, and a PostgreSQL database deployed on SupaBase.Developed and integrated a geolocation service based on the OpenStreetMap API, improving route planning and reducing customer goods preparation time.Implemented stateless authentication via JWT to secure 100% of API endpoints	
M&M	Jan 2024 - Mar 2024
<i>Frontend Developer Intern</i>	<i>Villetaneuse, France</i>
<ul style="list-style-type: none">Developed the frontend of an e-commerce website by translating UX needs and best practices into e-commerce.Creating reusable user interface components with HTML, CSS, JavaScript and LiquidImproved page load performance and rendering efficiency by optimizing the DOM structure and resource loading, achieving an SEO score of 100.	

PROJECTS

MyFridge Source Code	Python FastAPI React Native SQLite MongoDB
<ul style="list-style-type: none">Designed a mobile application to track food products and expiration dates in order to reduce household waste, with Expo + React Native and a local SQLite database for guest users.Designed and developed a REST API with FastAPI and a MongoDB database, including management of connected users, products, and Swagger documentation	
Vizucar Source Code	Python Java Spring Boot ReactJS MongoDB AWS
<ul style="list-style-type: none">Developed a REST API with Spring Boot, connected to a MongoDB database for data management.Automated data collection by creating a Python bot (Selenium), accelerating the creation of the car datasetDesign and development of a Windows and Linux application using ElectronJS, ReactJS, TypeScript and FigmaDeploying Docker containerized applications on a Linux virtual machine in the cloud with AWS EC2	

SKILLS

Languages: Python, Java, Typescript, C++, SQL

Developer Tools: VS Code, IntelliJ, Linux, AWS, Postman, Git, Docker, Jenkins

Libraries/Frameworks: Pandas, Numpy, Scikit-learn, FastAPI, Spring Boot, ReactJS, NextJS, PostgreSQL, MongoDB

LANGUAGES

French: Native Language, **English:** CLES - Professional, **Berber(Chleuh):** Bilingual, **Arabic:** A2

CERTIFICATION

Machine Learning Specialization, DeepLearning.AI & Stanford Online, December 2025