MAJJID AYOUB
Tech Lead | Entrepreneur | Incoming Java & Microservices Intern

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CERTIFICATES

more than 30 certificates: certificates link
- Oracle Database Administration 2019 Certified Professional
- **React js,Udemy**

SKILLS

Front-End Development:
- Figma, HTML, CSS, JAVASCRIPT, REACT,NextJs, Bootstrap

Back-End Development:
- python && Flask,
- java && spring boot &&Microservices (Eureka, Gateway...)
- c# && ASP.NET && JavaScript && Express

Desktop Development: java && swing
Devops: CI/CD, SDLC, Git (Git Flow), Docker, ,...

Testing: Unit Testing (Mockito), Integration Testing (MockMvc, WireMock), E2E Testing (RestAssured || Postman)

Programming languages:
- C, C++ ,c#, PYTHON(NLP,Pandas..), JAVASCRIPT, ARDUINO, ,VISUAL BASIC, BASH, Java

Database management:
- MYSQL (SQL), ORACLE (SQL/PLSQL), SQL, SERVER (SQL,tSQL),H2, Mongodb, PostgreSQL

- **Data engineering :**
Data warehouse (medallion architecture), Power BI, Talend, **ETL**
- Big Data (Hdfs,MapReduce , Pig , Hive...)

AI :
- Proficiency in Python for AI (libraries: Pandas, Scikit-learn, Joblib, etc.)
- Design,training and evaluation of the ai models (SVM, DT, BN, NB, etc.)

Principle of Software Engineering:
- Data structures and algorithms:
  - Problem solving
  - SOLID Principles
  - Conception(UML/Merice)
  - project management (Scrum/jira)

LANGUAGES

English : **C1**   French: **B2**   Arabic: **C2**

HOBBIES

- Technological exploration, artistic creativity
- Outdoor activities, Online community,leadership
- Montage vidéo

Profile

Final-year Software Engineering student and Tech Lead at INTELLCAP, specialized in Microservices, DevOps, and System Design. Experienced in technical leadership and delivering scalable solutions; **actively seeking a Pre-Employment Final Year Project (PFE) internship as a software engineer & DevOps**

Education

October 2021- Present Moroccan School of Engineering Sciences (EMSI):

Computer and Network Engineering Engineer - 2021 to 2026

October 2020-2021 Chkail School Group (AIN ATIQ)

Baccalaureate in Experimental Sciences - Physical Sciences Option

Professional experiences

Entrepreneurship && Freelance

INTELLCAP SARL MOROCCO · December 2024- Present
- **Location**: Rabat, Morocco
- **Poste**: Tech Lead | Entrepreneur | Recruiter
- **Missions** :
  - Management of innovation projects (Web, AI, Data, Quantum)
  - Recruitment Manager: +70 recruitments, +1500 internship applications processed.
  - Supervision of student projects in several technological fields.

Esprit Conseil — Freelance Project · June 2025 (2 weeks) Linkedin
- **Location**: Rabat, Morocco
- **Subject**: Development of a portfolio platform and corporate presentation.
- **Missions** :
  - Created a corporate presentation video.
  - Developed a portfolio platform (**Next.js**) with SEO optimization.
  - Deployed on Vercel with domain setup via Hostinger.
  - Integrated Brevo for automated client emails.

internships: source

Software Engineer Intern (PFA 4th year) – INTELLCAP SARL | Jun 2025 – Aug 2025 (2 months) LinkedIn
- **Subject**: : Leading a team of 17 people to design and develop a large-scale internal ERP system for INTELLCAP SARL, aimed at automating and centralizing all internal operations — from recruitment to project management — based on a modular and scalable architecture
- **Technology**: Microservices, Systems Design, AI Integration, DevOps, Cloud, Agile

Software Engineer Intern (PFA 3rd year) – CNIPE | Jul 2024 – Sep 2024 (3 months) LinkedIn
- **Subject**: Development of a MOOC platform:
- **Technologie** : Front-end(**html,css,javascript**) back-end(**Flask** , **Mongodb**)

Software Engineer Intern (PFA 3rd year) Morocco Post (Barid Al Maghrib) – June 2024 LinkedIn
- **Subject**: Creation of a unified system for the "Courier" and "Coles" interfaces:
- **Technologie** : Front-end(**html,css,javascript**) back-end(**Django** , **SQl Server**)

PERSONAL & ACADEMIC PROJECTS

I have worked on over 42 projects, leveraging my development skills: Projects

- **MRBOOKING** : LinkedIn 2 months
  - **Subject**: Development of a travel booking platform with hotel and flight options
  - **Technologie**: Front-end (**NextJs**), Back-end (**spring boot**, **PostgreSQL**)

- **End of Year Project(PFA)–Data Warehouse & Sales Analysis(USA)** 3 months LinkedIn
  - **Subject**: Creation of a Data Warehouse according to the Medallion Architecture for the analysis of sales of an American company Integration with **Power BI**
  - **Technologies**: **SQL Server**, **T-SQL**, **Power BI**

- **Project: SPRING_CommerceFlow-MS – Microservices Ecosystem** 2 months LinkedIn
  - **Subject:** Development of a reactive microservices architecture using Spring Boot 3, Kafka, and Kubernetes, with full observability (Grafana, Loki, Prometheus) and CI/CD integration.
  - **Technologies:** Spring Boot 3, Spring Cloud (Config, Gateway, Eureka), Kafka, Kubernetes, Docker, Grafana, Loki, Prometheus, CI/CD