



MAJJID AYOUB

Seeking a PFE Internship in Web Development & DevOps

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
- Technologie:** 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

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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