



MAJJID AYOUB

COMPUTER SCIENCE ENGINEERING STUDENT

About Me

I am Ayoub Majjid, a fifth-year student in Computer and Network Engineering at EMSI. Passionate about innovation and software development and Devops practices, I have acquired solid experience through personal projects and internships at Poste Maroc, CNIPE and INTERLAAP,

Currently, I hold the position of Tech Lead and Entrepreneur at Intellcap, where I lead three innovation projects with the goal of transforming them into impactful and scalable startups. I enjoy supporting teams from idea to implementation.

I am currently looking for a Pre-Employment Final Year Project (PFE) internship as a software engineer & DevOps in order to put my skills to work on innovative projects and contribute to the creation of ambitious technological solutions.

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](#)

INTELLCAP — June 2025 [Linkedin](#)

- **Duration:** 3 months | **Location:** Rabat, Morocco
- **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

CNIPE-July 2024 [Linkedin publication](#) [Linkedin](#)

- **Duration:** 3 months | **Location:** Rabat, Morocco
- **Subject:** Development of a MOOC platform:
- **Technologie :** Front-end(**html,css,javascript**) back-end(**Flask , MongoDB**)

Morocco Post (Barid Al Maghrib) - June 2024 [Linkedin](#)

- **Duration:** 2 months | **Location:** Rabat, Morocco
- **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 40 projects, leveraging my development skills: [Projects](#)

- **MRBOOKING :** [Linkedin](#)
 - **Duration:** 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)**
 - **Duration:** 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** for the generation of interactive dashboards, geographic maps, and performance indicators (KPIs)
 - **Technologies:** **SQL Server, T-SQL, Power BI**

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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 && c# && ASP.NET && JavaScript && Express

Desktop Development:

- java && swing

Devops:

- CI/CD, SDLC, Git (Git Flow), Docker, Ansible, AWS, Terraform, Kubernetes ...

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