

Mohamed OULKHORF

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Engineering Student — Passionate about Data Engineering & Automation

Passionate about data engineering, I am seeking to join your company to leverage my technical expertise in data ingestion (ETL, Scraping) and visualization. My goal is to provide high-quality data and automate your decision-making processes through intelligent solutions.

SKILLS

- **Development:** Web (HTML, CSS, JavaScript, PHP, Laravel, Bootstrap, Python with Django, Java with Spring Boot), Desktop Applications (JavaFX, C# Windows Forms), UML, Git.
- **AI & Data:** Artificial Intelligence concepts, Python libraries (Pandas, NumPy), Applied Mathematics (Linear Algebra, Analysis, Probability).
- **Automation & No-Code:** n8n (Workflow creation, AI Agents, Automated Web Scraping), API Integration.
- **Databases:** MySQL/MariaDB, SQL, phpMyAdmin, Relational Modeling (Merise), Stored Functions and Procedures, Triggers, Transactions, NoSQL (MongoDB, Redis).
- **Networking:** TCP/IP Protocol, Routing, OSI Model, Cisco Packet Tracer.
- **Systems:** Windows (Client/Server), GNU/Linux, Virtualization (VirtualBox, Hyper-V), Cybersecurity, GDPR compliance.
- **Software:** WordPress, Shopify, Adobe Premiere Pro (Basics), Excel, Word, PowerPoint.

PROFESSIONAL EXPERIENCE

Intranet Developer – Internship

Jan 6, 2025 – Feb 15, 2025

Centre Hospitalier de Commercy

- Designed and developed the hospital's intranet using **WordPress**.
- Created custom **PHP** plugins to meet specific internal needs.
- Collaborated with internal teams to gather requirements and propose appropriate technical solutions.

Business Applications Developer – Internship

May 28, 2024 – July 6, 2024

Synercoop, Revigny-sur-Ornain

- Designed and built an **SQL** database for employee information management, with query optimization for improved performance.
- Developed **CRUD** functionalities (Create, Read, Update, Delete) using **Laravel** and **Blade** templating, ensuring dynamic and secure data management.
- Built the user interface (Front-End) using **JavaScript**, **CSS**, and **Bootstrap**, providing an intuitive and responsive experience for staff management.

EDUCATION

National Master's Degree in Engineering - Specialization in Computer Science

2025 – 2028

ESIR – Rennes Graduate School of Engineering

Two-Year Technical Degree in IT Services for Organizations

2023 – 2025

Raymond Poincaré High School, Bar-le-Duc - France

Bachelor's Degree in Mathematics and Computer Science (Year 1 Completed)

2022 – 2023

Ibn Zohr University, Ouarzazate, Morocco

CERTIFICATIONS

- **Complete n8n Tutorial:** Discovery and implementation of automation workflows (Scenarios, Triggers, API Integrations).
- **The Ultimate Web Development Course:** Comprehensive project covering HTML, CSS, JavaScript, and Back-end fundamentals.
- **Introduction to Cybersecurity:** Threats, vulnerabilities, and security best practices.
- **Introduction to Data Analytics:** Data analysis with Python, data manipulation, and visualization.

LANGUAGES & INTERESTS

French: Native/Fluent • **English:** Technical/Professional Proficiency • **Arabic/Tamazight:** Bilingual

Interests: Continuous Tech Watch (Automation, AI), Reading, Academic Curiosity.