

El Mehdi Laidoudi

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Software Engineer with 3+ years of architecting and building enterprise applications across diverse domains using TypeScript, React, Node.js/Express, and FastAPI. Experience spans big tech (Oracle) and startups, contributing to internal tools, geospatial systems, and cybersecurity platforms. Led and mentored 10+ engineers across multiple projects. Oracle Cloud Infrastructure Certified Architect Professional and Generative AI Professional.

WORK EXPERIENCE

Oracle

Software Engineer

May 2025 – present | Casablanca, Morocco

- Contribute to Oracle internal projects to track and approve the usage of **third-party software, datasets, and APIs**.
- Wrote **technical documentation** and reports for internal systems, improving team efficiency and knowledge sharing.
- Developed highly optimized **SQL queries** for **Oracle Cloud Databases**, enabling data-driven decision making.
- Collaborated with **10+** engineers in **agile** sprints.

Terra IQ

Software Engineer

Dec 2024 – May 2025 | Remote

- Designed an **end-to-end solution** for a **property monitoring system**, allowing automated tracking of customer property events.
- Built and maintained responsive **UI components** with **MapBox** integration, enhancing user interaction with **geospatial datasets**.
- Developed **back-end services** and **APIs** that interact with **GIS databases**, enabling **real-time geospatial analytics** and data ingestion.

neoCedrus

Software Engineering Lead | part-time

Ifrane, Morocco

Jan 2025 – present

- Led **Agile** team of **10+** software engineers to develop software solutions at scale.
- Led efforts to upgrade codebase's **legacy libraries** and **frameworks** to latest versions, improving stability and maintainability.
- Upheld robust coding standards through **code reviews** using **Git** and **GitHub**, maintaining code quality and consistency.
- Plan and conduct **technical interviews** and onboarding for new team members.

Software Engineer | part-time

Sep 2023 – Jan 2025

- Designed, refactored, and maintained **50+** **REST API** endpoints using **Node.js** and **Express.js**.
- Built **UI components** using **TypeScript, React.js** with **Tailwind CSS** and **Material UI** styling libraries.
- Wrote **500+** unit and **API tests** following **Test Driven Development** approach, maintaining **+90%** code coverage.

DYN IT

Software Engineer | Contract

Jun 2024 – Sep 2024 | Remote

- Collaborated with **CyberSecurity** teams to design **Cyber Threat Intelligence** platform, centralizing Cyber Threat data.
- Engineered the platform's **system architecture** for scalability and high availability.
- Leveraged **FastAPI** to build **API endpoints** and **Cron Jobs** to trigger scrapers and insert data into **ElasticSearch**.

Italia Machines

Software Developer | Intern

Jun 2023 – Aug 2023 | Tangier, Morocco

- Led digital transformation with **Odoo-based CRM** for optimized business and resource management.
- Leveraged **Google Material Design** to build mobile app using **Flutter** and configured it with **Odoo** and **WordPress APIs**.

Student Activities Office @Al Akhawayn University

Student Software Developer

Jan 2023 – Jun 2023 | Ifrane, Morocco

- Engineered **Python** applications to generate encrypted **QR codes** for **4,000+** students.
- Led digitalization and centralization initiatives for the department, boosting operational efficiency.
- Created user-focused applications with **PowerApps, Power Automate** and **SharePoint** databases.

EDUCATION

Bachelor of Science in Computer Science

Al Akhawayn University

Minor: Business Administration and Entrepreneurship

Ifrane, Morocco

Relevant Coursework: Data Structures, Object Oriented Programming, Database Systems, Computer Architecture, Operating Systems, Computer Networks, Advanced Distributed Programming Paradigms, Enterprise Applications, Edge and Cloud Computing

SKILLS

LANGUAGES: TypeScript, JavaScript, Python, HTML/CSS | **FRAMEWORKS:** Node.js, Express.js, FastAPI, Django, Odoo, React, Next, Tailwind CSS, Material UI, Storybooks, Vitest, Mocha.js, Chai.js

DATABASES: MongoDB, Mongoose, Redis, PostgreSQL, MySQL, Prisma | **CLOUD & OPERATIONS:** Git/GitHub, CI/CD pipelines, GitHub Actions, Docker, Nginx, Amazon Web Services, AWS EC2, AWS Lambda, AWS S3, Oracle Cloud Infrastructure

CERTIFICATES & AWARDS

- 2025 | Oracle Cloud Infrastructure Certified Architect Professional [🔗](#)

- 2025 | Oracle Cloud Infrastructure Certified Generative AI Professional [🔗](#)