

# Mohamed Oussama Erraoui

+212651551085

erraoui.ouss@gmail.com

[github.com/Oussa-Err](https://github.com/Oussa-Err)

[oussamaerr.vercel.app](https://oussamaerr.vercel.app)

[linkedin.com/in/oussama-erraoui](https://linkedin.com/in/oussama-erraoui)

## SUMMARY

I discovered a **love** for software engineering 3 years ago, where I started writing scripts to automate some of my daily tasks. I decided to pursue it further by learning the right way. This journey led me to enroll in in-depth **backend development courses**, culminating in my **associate degree** in Computer Science. Excited for a full-time career in software development, I am eager to apply my skills and knowledge to create innovative solutions. **Open to both job and internship opportunities, as well as relocation.**

## TECHNICAL SKILLS & SOFTWARE

- **Programming languages:** Python, C, C#, JavaScript, PHP, bash
- **Frontend:** React.js, Next.js, HTML5, CSS3/Tailwind CSS, Material-UI, Redux, WinForms, Guna, Tkinter
- **Backend:** Node.js, Express.js, Laravel 11
- **Testing:** Jest, Vitest, react-testing-library, Unlighthouse
- **Web services:** REST, cURL
- **System design techniques:** UML, Merise, MVC, MVP, Agile
- **Security:** JWT, OAuth2
- **Databases:** SQL server, MongoDB, MySQL, MariaDB
- **Tools/CMS/other:** Git, Wordpress, Figma, Postman, Jira, PuTTY, Packet Tracer, Kernel Virtual Machine, Wireshark, MediCat
- **OS/IDE:** Linux, Windows, Kali, Visual Studio 2022, Visual Studio Code, Pycharm
- **Deployment:** Serverless Functions Netlify, Vercel, Cyclic, AWS, Google Cloud Platform
- **Soft Skills:** Teamwork, Autonomous, Analytical Thinking, Punctuality, Time Management

## WORK EXPERIENCE

**HELP DESK IT - MOBILE DEVELOPER INTERN** *Kotlin - Python(Openpyxl - socket) - OCR - Android SDK* 04 October 2024 - Present  
**SBS - SUBSTANTIUM BUSINESS SERVICES - RABAT**

- Developed a mobile app for inventory management, **automating the process** and improving efficiency. Utilized **ML Kit** for parsing **text from images** and integrated a Python server script to log incoming data directly into an **Excel sheet**, eliminating the need for paper records.
- Conducted corrective **maintenance on IT equipment** (printers, PCs, servers), including **repairing** and replacing defective **hardware components**. Assisted with software and driver installations, configurations, and updates.

**WEB DEVELOPER INTERN** *MERN - OAUTH - MUI - Vitest - Jest - AWS lambda* 15 February - 15 March 2024  
**CODSOFT - IT SERVICES AND IT CONSULTANCY - REMOTE**

- Delivered user interfaces across over **30 combined screens**. Developed and maintained RESTful APIs with Express.js, managing over **20 endpoints** combined servers.
- Implemented **authentication** and authorization such as JWT tokens and integrating Auth0, securing APIs and backend systems from **common attacks** by following OWASP security guidelines. Deployed serverless functions using AWS Lambda for backend operations.

**WEB DEVELOPER - INTERN** *Next.js - Tailwind CSS - MongoDB - DNS* 1 May - 30 June 2024  
**SAE - FOUNDATION DES SCIENTIFIQUES À L'ÉTRANGER - RABAT**

- Managed the development of **responsive web interfaces** across 20+ pages, overseeing project timelines and achieving 100% of deadlines. Implemented SEO optimizations, increasing page visibility by 25%.
- Developed 15+ server-side APIs using Next.js 14 to handle **newsletter subscriptions** and **contact forms**, integrating SMTP protocols for automated email sending and storing email data in MongoDB. Gained experience with over +20 libraries.

**CUSTOMER SERVICE ADVISOR** 17 January - 14 May 2022  
**RITCHAARD SANTÉ - HEALTH INSURANCE - AGADIR**

- Managed a portfolio of 100+ client accounts, focusing on customer retention and **relationship building**. Implemented regular **communication strategies**, including personalized phone calls and emails.
- Prospecting and introduction of 3 new products, Presented health insurance products, **increasing the range of options** available to clients.

## EDUCATION

**ASSOCIATE DEGREE IN SOFTWARE ENGINEERING - BAC + 2** 2022 - 2024

- ESPEGIC - Special School of Management and Information Technology - Software Development - Khemisset

**TRAINING PROGRAM AFCD ASSOCIATION - MARRAKESH**

- Youth First - Training in Leadership, Entrepreneurship, and Advocacy - Marrakech, Ait ourir May 2019

## CERTIFICATIONS [view credentials](#)

**CISCO:** PCAP - Programming Essentials in Python, JavaScript Essentials (JSE),  
CCNA - Cisco Certified Network Associate (ongoing)  
**Postman Academy:** Postman API Fundamentals Student Expert  
**MongoDB University:** MongoDB Node.js Developer Path  
**Udemy:** FullStack Web Development: Node | Express | MongoDB  
**freeCodeCamp:** Responsive Web Design, JavaScript DSA

## PROJECTS [view projects](#)

**Jobify:** Developed a comprehensive job search platform using the MERN stack, offering features such as resume upload, Email alerts, and candidate profiles.  
**QuizIT:** Created a quiz application with the MERN stack, enabling users to create and take quizzes on IT topics.  
**End-of-study projects:** Built a desktop application for healthcare professionals using C#, ADO.NET and MSSQL to manage appointments and medicines prescription.  
**Portfolio:** Designed a dynamic personal website using Next.js, Tailwind CSS and JavaScript to showcase my skills and projects.

## LANGUAGES

**Arabic:** Native proficiency

**English:** Conversational proficiency

**French:** Conversational proficiency