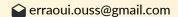
# Oussama Erraoui









**(**, +212651551085

## SUMMARY

I discovered a love for software engineering 3 years ago while working on a call center, where I started writing scripts to automate some of my daily tasks. I realized I had a talent for coding and 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 engineering, I am eager to apply my skills and knowledge to create innovative solutions. Open to relocation.

#### TECHNICAL SKILLS & SOFTWARE

- Programming languages: Python, C, C#, JavaScript, Bash
- Frontend: React JS, Next JS, HTML5, CSS3/Tailwind CSS, Material-UI, Redux, Tkinter, Guna
- Backend: Node.js, Express.js, ASP.NET
- Testing: Jest, Vitest, react-testing-library, Core Web Vitals, Unlighthouse
- Web sevices: REST, cURL
- System design techniques: UML, Merise, MVC, MVP, DevOps
- Security: JWT, OAuth2, OWASP
- Databases: MS SQL, MongoDB, PostgreSQL
- Tools: Git, Figma, Postman, Jira, Google Cloud Platform, PuTTY, Packet Tracer, Kernel Virtual Machine, Wordpress
- OS/IDE: Linux, Windows, Kali, Visual Studio 2022, Visual Studio Code, NeoVim, Pycharm
- Deployment: Serverless Functions Netlify, Vercel, Cyclic, AWS
- Soft Skills: Teamwork, Autonomous, Analytical Thinking, Punctuality, Time Management

## WORK EXPERIENCE

# JUNIOR FULL-STACK DEVELOPER INTERN

# SAE - FOUNDATION DES SCIENTIFIQUES À L'ETRANGER - RABAT

May - June 2024

- Managed the development of responsive frontend interfaces 20+ pages using Tailwind CSS and JavaScript libraries, while owning the project schedule and achieving 100% adherence to feature deadlines.
- Developed server-side APIs using Next.js 14's API routes to handle newsletter subscriptions and contact forms, integrating SMTP protocols for automated email delivery and storing email data in AWS DynamoDB (previously MongoDB).
- Participated in code reviews and learned best practices web development, including code optimization, modularization, performance tuning, and SEO improvements that increased page visibility by 25%.
- Gained hands-on experience with over 20 frontend/backend frameworks and libraries in JavaScript ecosystem.

#### JUNIOR FULL STACK DEVELOPER INTERN

#### CODSOFT - IT SERVICES AND IT CONSULTANCY - REMOTE

Link to project

February - March 2024

- 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, resulting in a 25% improvement in resource usage.

## **CUSTOMER SERVICE ADVISOR**

#### RITCHAARD SANTÉ - HEALTH INSURANCE - AGADIR

January - May 2022

 Managed a portfolio of 100+ client accounts, focusing on customer retention and relationship building. Implemented regular communication strategies, including personalized phone calls and emails

### **EDUCATION**

#### ASSOCIATE DEGREE IN SOFTWARE ENGINEERING

2022 - 2024

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

#### TRAINING PROGRAM AFCD ASSOCIATION - MARRAKESH

 $\circ$  Youth First - Training in Leadership, Entrepreneurship, and Advocacy - Marrakech

May 2019

## **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.

**IIYADA:** 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.

## CERTIFICATIONS

CISCO: PCAP - Programming Essentials in Python, JavaScript Essentials (JSE), Cisco Certified Network Associate (CCNA)

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

## LANGUAGES

Arabic: Native proficiency English: Conversational proficiency French: Conversational proficiency