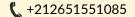
# Oussama Erraoui



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## SUMMARY

I discovered a **love** for software engineering 3 years ago while working at a call center, 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, 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, Agile, Scrum
- 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

1 May - 30 June 2024

- Managed the development of responsive and dynamic 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 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** and libraries frameworks in JavaScript ecosystem.

#### JUNIOR FULL STACK DEVELOPER INTERN

CODSOFT - IT SERVICES AND IT CONSULTANCY - REMOTE

15 February - 15 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

17 January - 14 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.
- 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

2022 - 2024

 $\circ \ \ \mathsf{ESPEGIC} \ \mathsf{-} \ \mathsf{Special} \ \mathsf{School} \ \mathsf{of} \ \mathsf{Management} \ \mathsf{and} \ \mathsf{Information} \ \mathsf{Technology} \ \mathsf{-} \ \mathsf{Software} \ \mathsf{Development} \ \mathsf{-} \ \mathsf{Khemisset}$ 

#### TRAINING PROGRAM AFCD ASSOCIATION - MARRAKESH

o Youth First - Training in Leadership, Entrepreneurship, and Advocacy - Marrakech, Ait ouring

May 2019

# CERTIFICATIONS

**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

# LANGUAGES

## **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.

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