


Oussama Erraoui

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 Portfolio

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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 development, 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 services:** 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 1 May - 30 June 2024
SAE - FOUNDATION DES SCIENTIFIQUES À L'ETRANGER - RABAT

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

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 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 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.
- IIFYADA:** 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