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

TRAINING PROGRAM AFCD ASSOCIATION - MARRAKESH
May 2019
- Youth First - Training in Leadership, Entrepreneurship, and Advocacy - Marrakech, Ait ourir

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

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