


Oussama Erraoui

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SUMMARY

I discovered a love for software engineering 3 years ago, 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, JavaScript, Redux, Tkinter, Guna
- **Backend:** Node.js, Express.js, ASP.NET
- **Testing:** Jest, Vitest, react-testing-library, Core Web Vitals, Unlighthouse
- **Web sevice:** 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

WORK EXPERIENCE

FRONTEND DEVELOPER

Mai - 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

February - March 2024

CODSOFT - IT SERVICES AND IT CONSULTANCY - REMOTE

[Link to project](#)

- Developed "Jobify," a job board platform, and "Quiz It," a quiz application, from start to finish, delivering 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 systems, using JWT tokens for "Jobify" and integrating Auth0 for "Quiz It," 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.

EDUCATION

ASSOCIATE DEGREE IN SOFTWARE ENGINEERING

2022 - 2024

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

TRAINING PROGRAM AFCD ASSOCIATION - MARRAKESH

Mai - 2019

- Youth First - Training in Leadership, Entrepreneurship, and Advocacy - Marrakech

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

ALX: Artificial Intelligence Career Essentials

LANGUAGE

Arabic  English  French 