REDA TROUKI

Software Engineer & Full Stack Developer

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EDUCATION

Master in Information Systems Engineering
Faculty of Sciences Semlalia
📅 2023 – Present   📍 Marrakech

Professional License in Information Systems & Networks Engineering
Higher School of Technology
📅 2022 – 2023   📍 Safi

DUT in Computer Science
Higher School of Technology
📅 2020 – 2022   📍 Safi

PROFESSIONAL EXPERIENCE

Internship - Full Stack Developer (Laravel/VueJS)
Urban Community of Safi
📅 Apr. – May 2023   📍 Safi

- Developed a responsive web application for document management using VueJS, Laravel, and a real-time RESTful API via WebSockets.

Internship - Full Stack Developer (NodeJS/ReactJS)
Urban Community of Safi
📅 Apr. – May 2022   📍 Safi

- Developed a real-time communication system using React, Socket.io, and MongoDB, along with modern and responsive interfaces using Chakra-UI.

HTML-CSS-PHP Internship
Atlanta Sanad Assurance
📅 Jul. 2021   📍 Safi

- Created an institutional website showcasing Atlanta-Sanad insurance services with a contact form using PHP-Mailer.

CERTIFICATIONS

- **Coursera**: Advanced React and Fundamentals.
- **Coursera**: PostgreSQL and Database Design.
- **Coursera**: Version Control with Git.
- **Coursera**: JavaScript Programming.

LANGUAGES

- **Arabic**: Native (Fluent)
- **English**: C1 (Advanced)
- **French**: B2 (Upper Intermediate)

INTERESTS

- Technology & Development (trends, open source).
- Continuous Learning (MOOCs, technical readings).
- Sports (football, running, swimming).
- General Culture (innovation, sciences).

TECHNICAL SKILLS

- **Programming Languages:** Java, PHP, JavaScript, TypeScript, Python, C/C++.
- **Frameworks & Libraries:** Spring Boot, JEE, React.js, Node.js, Express.js, Flask, Next.js, Angular, Vue.js, Laravel, TailwindCSS, Bootstrap, Material UI, Alpine.js, React Native, Expo, Redux, Zustand, React Query(Tanstack Query).
- **Databases:** MySQL, PostgreSQL, MongoDB, SQLite, CouchDB.
- **DevOps & Tools:** Git, GitHub, Docker, GraphQL.
- **Systems & Testing:** Linux, Junit, Mockito, Postman.
- **Modeling & Agile Methods:** Merise, UML, Agile/Scrum.

KEY PROJECTS

NodeArchGen CLI
Open Source Project
📅 Jan. 2025

- Developed and published an npm package to automatically generate the architecture of a **Node.js** project following **Clean Architecture** best practices.
- **npm:** npmjs.com/package/nodearchgen.

Real-Time Web Chat Application
Personal Project
📅 Jun. 2024 – Jul. 2024

- Developed a collaborative chat application using Next.js, Shadcn-ui, TailwindCSS, and Convex, including authentication via Clerk and real-time communication management with WebSockets.
- **GitHub:** github.com/reda-trouki/chat-app.

Academic Scheduling Management
University Project
📅 Apr. 2024 – May 2024

- Developed a full-stack application with Angular, Spring Boot, and MySQL to manage university schedules, including interactive dashboards with ChartJS and secure authentication with Spring Security.
- **GitHub:** github.com/reda-trouki/Gestion-Horaire.

SOFT SKILLS

- Teamwork.
- Clear and concise communication.
- Adaptability to changes.
- Complex problem-solving.
- Optimal time management.