

MOHAMED REDA BOUNNOU

Full Stack Development

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Summary

As a Specialized Technician in Digital Development, I am looking to join a dynamic team to apply my skills in web and mobile development. After earning my diploma in software development from a technical institute, I began a three-year program at the Private University of Marrakech to further deepen my expertise. With strong experience in React, Laravel, and database management, I am motivated to contribute to the creation of innovative solutions and enhance user experience through digital projects.

During my recent internship, I contributed to digitizing documentation processes, which allowed me to strengthen my skills in problem-solving and teamwork.

Technical Skills

- **Frontend** : HTML, CSS, JavaScript, React, Tailwind CSS, Bootstrap
- **Backend** : PHP, Laravel, Python (OOP), MySQL, MongoDB, Java, Express.js
- **APIs & Services** : RESTful APIs, OpenAI API, Clerk, Neon
- **Tools & DevOps** : Git, Jira, Word, Excel, CI/CD
- **Other** : Microsoft Word, Excel

Work Experience

- Developed an e-commerce website using React and CSS for the front-end interface. Built the admin dashboard and backend using Express.js, MongoDB, and Tailwind CSS, enabling efficient data management and a responsive user experience.
- Built an AI-based web application that mimics ChatGPT functionality using React and CSS for the front end, and Express.js for the backend. Integrated the DeepSeek LLM via the OpenRouter API to generate natural language summaries. Included request-limiting logic.
- Internship Summary: Contributed to developing a web application to digitize documentation processes at a Documentation Center. Key tasks included designing an interactive map for physical document locations and converting physical forms to digital formats, strengthening my skills in React, PHP, and database management.
- Developed a full-stack authentication platform using React for the frontend and Express.js with MongoDB for the backend. Implemented multiple authentication factors including OTP via email and SMS, biometric login (fingerprint and Face ID), QR code scanning, session management, and Firebase Authentication for social login (Google, GitHub, etc.). Designed with a strong focus on user security and authentication flow flexibility.

Education

Bachelor's Degree in Development Informatics (In Progress)

Université Privée de Marrakech (UPM), Marrakech, Morocco

Expected Graduation: [08, 2025]

Specialized Technician

Office of Vocational Training and Employment Promotion (OFPPT), Marrakech, Morocco

September 2024

Baccalaureate in Physical Sciences (BIOF)

Bir Anzarane High School, Tahnaout, Morocco

June 2022

Languages

English - French - Arabic