

# 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

## Projects

### Full-Stack E-Commerce Platform

React, CSS, Express.js, MongoDB, Tailwind CSS

Developed an e-commerce web app with React for the frontend and Express.js/MongoDB for the backend. Designed a responsive admin dashboard using Tailwind CSS, enabling efficient order and user data management.

### AI Summarizer App

React, CSS, Express.js, OpenRouter API (DeepSeek)

Built an AI-powered web application using OpenRouter's DeepSeek model to generate text summaries. Implemented request limits, message history, and interactive UI with React.

### Multi-Factor Authentication System

React, Express.js, MongoDB, Firebase Auth, QR, OTP, Biometric Auth

Created a secure authentication platform supporting OTP (email/SMS), biometric login (Face ID/Fingerprint), QR code scanning, and social login via Firebase (Google, GitHub). Designed session management and flexible auth flows.

### Documentation Management Web App – Internship

React, PHP, MySQL

Contributed to the development of a web application aimed at digitizing documentation processes at a government documentation center. Designed an interactive map to track physical document locations and converted paper-based forms into digital formats. Strengthened skills in full-stack development, problem-solving, and collaboration.

## 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