

# Djebloun Mohamed Nazim

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## PROFESSIONAL SUMMARY

Full-stack developer with a background in marketing and a passion for building production-ready web applications using React, Next.js, Node.js, and PostgreSQL. I aim to translate business requirements into scalable technical solutions and have experience in agile team environments.

**Passionate about continuous learning, I thrive in environments where I can both contribute my skills and grow as a developer while helping teams create innovative digital solutions.**

## EDUCATION

<b>Ibn rochde</b> <i>Computer science specializing in databases (TS option Bases de Données)</i>	<b>Oct 2022 / Apr 2025</b>
<b>University of Algiers 3</b> <i>Master's degree in service marketing</i>	<b>Oct 2022 / Mar 2024</b>
<b>University of Algiers 3</b> <i>Bachelor's degree in marketing</i>	<b>Sep 2019 / Jul 2022</b>

## PROJECTS

### Shladty Ordering App

- **Main Goal:** Built a real-time ordering app for a beachside restaurant, including a live dashboard for order tracking and a customer-facing QR code menu system. optimizing operations from client orders to production delivery.
- **Frontend Development:**
  - Developed a responsive interface using Next.js Styled with Tailwind CSS and Shadcn UI
  - Implemented React Query for efficient data fetching, caching, and automatic real-time UI updates.
  - Integrated Axios for HTTP communication, including centralized error handling and interceptors.
- **Backend Development:**
  - Used Supabase as the backend platform, leveraging its PostgreSQL database for scalable, structured data storage.
  - Implemented Supabase Realtime for live order updates in the admin dashboard, allowing instant visibility into new or updated orders.

### Production management application

- **Main Goal:** Developed a **production management application** with a **manufacturing workflow tracker** to optimize workshop operations—from client orders to production delivery—using modern full-stack technologies.
- **Frontend Development:**
  - Built a responsive, dynamic interface with Next.js for optimized performance and SEO.
  - Styled with Tailwind CSS and Shadcn UI for a clean, maintainable, and component-based design system.
  - Implemented efficient state management and real-time updates using **React Query** and **Axios** for API calls.
- **Backend Development:**
  - Developed a RESTful API using Node.js and Express.js to handle business logic, data processing, and authentication.
  - Utilized PostgreSQL for structured and scalable data storage, ensuring efficient querying for production tracking.

- Integrated Axios for seamless frontend-backend communication with error handling and request/response interception.

### **Full-Stack To-Do List Application**

- **Main Goal:** Developed a full-stack to-do list application to help users organize tasks across stages (Scheduled, Ongoing, Completed) with a responsive, intuitive interface.
- **Frontend Development :**
  - Built a single-page application (SPA) using React.js and JavaScript, enabling dynamic task management without page reloads.
  - Styled with Tailwind CSS for a clean, mobile-friendly design with customizable components.
  - Implemented API communication using Axios for CRUD operations and real-time updates.
- **Backend Development :**
  - Designed a lightweight RESTful API with Node.js and Express.js to handle task operations (create, read, update, delete).
  - Connected to a PostgreSQL database
  - Optimized API responses for fast frontend interactions and error handling.

### **Professional Portfolio Web site**

- **Main Goal:** Developed a **modern, interactive portfolio** to showcase my educational background, technical skills, projects, and contact information with seamless user experience.
- **Frontend Development :**
  - Built with Next.js (App Router) and TypeScript for high performance, SEO optimization, and type-safe code.
  - Styled with Tailwind CSS for utility-first responsive design, enhanced by Aceternity UI, Shadcn, Hero UI and Magic UI for dynamic, pre-built components

### **Library management system**

- **Main Goal:** Develop a CRUD web application that enables librarians to efficiently manage library members, books, authors, and track the borrowing and return status of books.
- **Frontend Development:** Designed and successfully implemented a single-page application (SPA) using JavaScript, ensuring a seamless user experience with dynamic content updates.
- **Backend Development:** Designed and successfully implemented backend logic using PHP and JavaScript with AJAX to handle data processing, server communication, and database interactions, supporting the SPA's functionality.

## **RELEVANT EXPERIENCE**

**ANEP (Entreprise Nationale de Communication, d'Édition et de Publicité) Sep 2024 / Apr 2024**

*Computer science Internship:*

- **Focus:** design and develop a production management app
- Architected database schema PostgreSQL for manufacturing operations
- Designed and successfully Implemented responsive UI/UX with Next.js and Tailwind CSS and ShadcnUI
- Built production workflow management with workshop assignment features
- Reduced manual reporting time through automated status updates

**CESTS (centre d'exploitation des satellites de télécommunication spaciales) Mar 2024 / Jun 2024**

*Service Marketing Master's Thesis Internship:*

- **Focus:** Internal marketing presence within the company.
- Conducted an in-depth study on internal marketing strategies.
- Interviewed department heads to assess the presence and effectiveness of internal marketing within CESTS.

- Concluded the study with key findings and provided strategic recommendations to enhance internal marketing efforts.

## SKILLS

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**Frontend:** HTML, CSS, Tailwind CSS, JavaScript, React.js, Next.js, Typescript

**Backend:** Node.js, Express.js

**Tools & Libraries:** Tailwind CSS, Shadcn UI, Hero UI, Magic UI, React Query, Axios, React Router

**databases:** SQL

**Database management systems (DBMS):** Microsoft SQL Server, HeidiSQL, PostgreSQL

**Version control:** git, GitHub