

# Djebloun Mohamed Nazim

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## PROFESSIONAL SUMMARY

Full stack software 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>

## TECHNICAL SKILLS

**Frontend:** React.js, Next.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS

**UI Libraries:** Shadcn UI, Hero UI, Magic UI, Aceternity UI

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

**Databases:** PostgreSQL, Microsoft SQL Server

**Tools:** Git, GitHub, React Query, Axios, React Router, HeidiSQL

## PROJECTS

### Production management application

**Technologies:** Next.js, Node.js, Express.js, PostgreSQL, Tailwind CSS, Shadcn UI, React Query, Axios

- **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.
- Engineered a comprehensive production management system that reduced workflow tracking time and streamlined manufacturing operations from order intake to delivery
- Implemented a modern interface with Next.js and Tailwind CSS that improved workshop managers' efficiency by enabling quick status updates across multiple devices
- Designed and optimized a PostgreSQL database schema that efficiently handled complex manufacturing data relationships, supporting over 100 concurrent production workflows
- Built a RESTful API with Node.js that facilitated real-time communication between frontend and backend, resulting in instantaneous production updates

### Full-Stack To-Do List Application | Independent Project

**Technologies:** React.js, Node.js, Express.js, PostgreSQL, Tailwind CSS, Axios

- **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.
- Developed a task management application featuring customizable task stages (Scheduled, Ongoing, Completed)
- Implemented responsive design principles ensuring seamless usability across all device sizes
- Created efficient backend architecture with RESTful API endpoints

## Professional Portfolio Web site | Independent Project

**Technologies :** Next.js (App Router), TypeScript, Tailwind CSS, Aceternity UI, Shadcn UI

- **Main Goal:** Developed a **modern, interactive portfolio** to showcase my educational background, technical skills, projects, and contact information with seamless user experience.
- Built a performance-optimized portfolio using Next.js with 90+ Lighthouse scores for performance and accessibility
- Implemented SEO best practices including semantic HTML, metadata optimization, and responsive images
- Utilized modern animation libraries to create engaging interactive elements while maintaining optimal page load speed

## Library management system

**Technologies:** JavaScript, PHP, AJAX, SQL

- **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.
- Created a CRUD application for library resource management
- Implemented asynchronous data processing with AJAX to enable real-time updates without page reloads
- Designed an intuitive user interface

## PROFESSIONAL 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.

**CAAT (COMPAGNIE ALGERIENNE DES ASSURANCES)**

**May 2022 / Jul 2022**

*Marketing bachelor's Thesis internship:*

- **Focus:** Marketing Information System (MIS) within the company.
- Conducted a study to determine the reliance on MIS in the decision-making process inside the company
- Concluded the study with some recommendations and the importance of Marketing Information System