Djebloun Mohamed Nazim

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PROFESSIONAL SUMMARY

Full-stack developer building production-grade web platforms with Next.js, TypeScript, Node.js, PostgreSQL, and Convex. Experienced in designing scalable backend systems, relational schemas, real-time architecture, and workflow automation tools. Currently leading development of an internal operations platform automating CRM, team management, and agency workflows end-to-end.

EDUCATION

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

RELEVANT EXPERIENCE

DigitKom **Full stack software developer**   **oct 2025 / present**

- Architecting comprehensive internal tools platform (in development) managing end-to-end business operations including CRM, team workflows, project tracking, and process automation for 20+ team members
- Built a responsive, high-converting landing page that serves as one of the acquisition channels for the agency
- Building a production-ready e-commerce platform handling product management, order processing, and user workflows
- Designed relational PostgreSQL schema with normalized data models and integrity constraints
- Implemented secure authentication and role-based access control using Clerk
- Built scalable Express.js backend with structured API architecture and type-safe database access (Drizzle ORM)
- Designed modular Next.js frontend using reusable component architecture and optimized data-fetching patterns
- Reduced frontend complexity by standardizing UI system with ShadcnUI and shared design primitives

Full stack software developer freelance   **Sep 2024 / present**

Independent Full-Stack Developer:

- Delivered custom web applications using Next.js, Node.js, PostgreSQL, and Convex
- Translated business requirements into scalable technical solutions
- Collaborating directly with clients to translate business requirements into technical solutions

ANEP **(Entreprise Nationale de Communication, d'Édition et de Publicité)**   **Sep 2023 / Apr 2024**

Computer science Internship:

- Designed and developed production management system for manufacturing operations
- Designed and successfully Implemented responsive UI/UX with Next.js and Tailwind CSS and ShadcnUI
- Architected PostgreSQL schema supporting workshop assignments and operational tracking
- Implemented workflow automation reducing manual reporting and status tracking
- Built RESTful backend services and responsive frontend with Next.js
- Improved operational visibility through real-time status dashboards

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

Service Marketing Master's Thesis Internship:

CAAT **(COMPAGNIE ALGERIENNE DES ASSURANCES)**   **May 2022 / Jul 2022**

Marketing bachelor's Thesis internship:

PROJECTS

Agency Internal Operations Platform (Ongoing Large-Scale Project)

Full-Stack Architect & Lead Developer
- Designing and building a centralized internal platform automating CRM, project management, task tracking, and team workflows
- Implementing backend using Convex for real-time data synchronization and reactive queries
- Modeling complex relational workflows including client lifecycle, service renewals, team assignments, and task dependencies
- Designing permission-based system to support multi-role access (admin, sales, operations, team members)
- Building real-time dashboards for performance tracking and operational visibility
- Structuring scalable domain-based architecture for long-term maintainability

Personal Expense Tracker & Financial Dashboard (Personal Project)

Technologies: Next.js, Convex, React Query, Tailwind CSS, ShadcnUI
- Built reactive personal finance platform with real-time dashboard updates
- Designed scalable data models in Convex supporting categorized expense tracking
- Implemented dynamic monthly income modeling and spending analytics
- Generated automatic summaries by: Category Tags Individual months
- Optimized client-side performance with query caching and optimistic UI updates

Shladty Ordering App URI: shladty.com

Technologies: Next.js, Tailwind CSS, Supabase, PostgreSQL, React Query,
- Built real-time ordering system with QR-based menu access
- Implemented instant order updates using Supabase Realtime
- Designed backend schema optimized for order state transitions
  Developed live dashboard for staff to track order lifecycle

DevSpace: blog page for dev news

Technologies: Next.js, Node.js, Express.js, PostgreSQL, Tailwind CSS
- Created real-time post creation, editing, and display system with PostgreSQL backend, supporting rich text content and user-generated posts
  Designed RESTful API architecture with Express.js backend, implementing CRUD operations for posts, user management, and data persistence
- Built modular component architecture with reusable UI components, custom hooks, and TypeScript interfaces for maintainable codebase

Production management application

Technologies: Next.js, Node.js, Express.js, PostgreSQL, Tailwind CSS
- Created end-to-end production management system for workshop operations
- Developed RESTful API architecture handling business logic and authentication
- Implemented efficient state management with React Query for real-time updates
- Designed scalable database schema supporting manufacturing workflows

SKILLS

Languages: TypeScript, JavaScript, SQL
Frontend: React, Next.js (App Router), Tailwind CSS, ShadcnUI
State & Data: React Query, Server Components, Optimistic Updates, Axios, React Router
Backend: Node.js, Express.js, Convex (reactive backend), Supabase
Architecture: REST APIs, Real-time systems, Role-Based Access Control (RBAC), Workflow automation systems
Databases: PostgreSQL (schema design, indexing, relational modeling), SQL Server