

Ilyes Benmalti

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EDUCATION

University of Mostaganem

Candidate for State Engineering Degree in Computer Science

Sep 2023 – Present

Mostaganem, Algeria

- **GPA:** 16/20

EXPERIENCE

Full-Stack Developer (Freelance)

Independent

Sep 2025 – Nov 2025

Remote

- Developed a comprehensive Mini-ERP web application to centralize and streamline core business operations, including sales, finance, human resources, and supplier logistics
- Architected robust deployment pipelines by establishing isolated development, staging, and production environments to ensure reliable feature releases
- Implemented automated database backup protocols to guarantee data integrity and protect sensitive enterprise records
- **Tech Stack:** *React, Supabase, Tailwind CSS*

Frontend Developer (Freelance)

Independent

Dec 2025 – Feb 2026

Remote

- Engineered the frontend architecture for a high-performance cryptocurrency trading platform, featuring a complex real-time trading dashboard and interactive terminal
- Collaborated directly with UI/UX designers to translate intricate wireframes into highly responsive, pixel-perfect, and accessible web components
- **Tech Stack:** *Next.js, TypeScript, Docker, Tailwind CSS*

PROJECTS

SailorAI | *Next.js, Vercel AI SDK, Better-auth, MongoDB, Docker*

Mar 2026 – April 2026

- Developed a modern conversational AI platform powered by Google's generative models using the Vercel AI SDK
- Secured the platform using the better-auth library, supporting Google and GitHub OAuth, alongside email verification powered by Nodemailer
- Packaged the entire application with Docker, providing a multi-stage Dockerfile and compose.yaml profiles for seamless transition between local development and production environments

E-Commerce Store | *Next.js, TypeScript, Supabase, Prisma, Zustand*

Oct 2025 – Dec 2025

- Developed a full-featured e-commerce storefront and comprehensive administrative dashboard
- Managed persistent shopping cart state across sessions using Zustand on the client side, synchronizing directly to the database for authenticated users
- Engineered the backend data layer using PostgreSQL hosted on Supabase, interacting with it via the Prisma ORM for type-safe database queries

ToSpace (3D Website) | *React, Three.js, GSAP, TailwindCSS*

Jul 2025

- Integrated and animated complex 3D assets, including a dynamic spaceship and an interactive robot, to visually represent space exploration
- Optimized Three.js object rendering and GSAP animations to ensure smooth, high-frame-rate performance across diverse web browsers and responsiveness

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java, HTML5, CSS3, Python

Frontend: React, Next.js, Tailwind CSS, Three.js, GSAP, Zustand, React Query, React Router, Motion, Zod, React Hook Form, shadcn/ui

Backend & Databases: Node.js, PostgreSQL, MongoDB, Redis, Supabase, Prisma, Better Auth

Tools & Testing: Git, GitHub, Docker, Jest, Vercel, npm, Framer