Taieb Mohamed Yassine

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github.com/Ret2Hell

Education

National Institute of Applied Science and Technology, BS in Software Engineering   Sept 2022 – Present

- **Coursework:** Web Development, Advanced Algorithms, SQL & noSQL, Operating Systems, Algorithmic Complexity

Work Experience

Full-Stack Developer   *Digital Bundle, Aug 2024 – Nov 2024*

Collaborated on Levii, a comprehensive ERP platform designed to streamline and automate core business operations.

- Engineered a responsive UI with Vue.js and Tailwind CSS, enhancing usability across devices.
- Secured RESTful endpoints via custom Laravel middleware and JWT authentication, ensuring data integrity and user privacy.
- Architected advanced search, filtering, and pagination mechanisms to support efficient data retrieval and scalability.

Projects

Virtual Interview Coach   *Feb 2025–Present*

github.com/VICoach/virtual-interview-monorepo

A scalable web platform simulating real interview scenarios to help users build communication skills and confidence.

- Developed with Next.js (frontend), NestJS (backend), and FastAPI (AI microservices) for a modular, high-performance architecture.
- Designed automated feedback mechanisms and performance analytics to deliver actionable insights after each session.
- Crafted an interactive, responsive UI/UX emphasizing accessibility and real-time interaction.

UniCloud   *Apr 2025*

github.com/Ret2Hell/UniCloud

A modern academic cloud platform for secure file management and collaboration across university campuses.

- Engineered full-stack features using NestJS, PostgreSQL, and Prisma on the backend, with Next.js, Tailwind CSS, and Shadcn UI on the frontend.
- Integrated a GraphQL API via Apollo Server and RTK Query to streamline data fetching and state management.
- Built an AI-driven chatbot assistant to extract key insights from uploaded documents and improve user productivity.

Online Shop App   *Jun 2024*

github.com/Ret2Hell/Online_Shop_App

A cross-platform mobile e-commerce application for browsing products and managing shopping carts.

- Implemented in Flutter, leveraging Supabase for authentication and real-time product data.
- Utilized the Provider package to achieve efficient, reactive state management and smooth user interactions.

Social Media Clone   *Mar 2024–May 2024*

github.com/SghairiYoussef/Social-Media-Clone

A collaborative social networking platform featuring real-time messaging, friend connections, and post sharing.

- Built with Vue.js on the frontend and native PHP on the backend for rapid prototyping.
- Enabled WebSocket-powered real-time messaging and dynamic friend relationship management.
- Focused on an intuitive, responsive design to ensure seamless user engagement across devices.

Technologies

Languages: C++, C, Python, SQL, Dart, JavaScript, Typescript

Technologies: React, Next js, Vue js, Flutter, Nestjs, Laravel, Docker