

# Abdelaziz Elhadry

## Contact

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## Summary

Full Stack Developer specializing in building scalable, production-ready web applications using modern technologies. Experienced in React, Next.js, Node.js, Express, NestJS, and MongoDB, with a strong focus on clean architecture, seamless frontend-backend integration, and delivering high-quality user experiences.

## Work Experience

### Remote Software Engineer | [Senergic.ch](https://senergic.ch)

**July 2025 - Present**

- Working remotely as a Software Engineer with Senergic.ch, a Switzerland-based company
- Developing scalable, production-ready web applications using Next.js and TypeScript
- Contributing to the delivery of corporate platforms and websites such as Zuriauto, PrimaSwiss, and LunaSwiss

## Full Stack Freelancer | Self-Employed

July 2024 - July 2025

- Built custom web and mobile applications using MERN stack, Next.js, and React Native
- Delivered end-to-end solutions from requirements gathering to deployment
- Managed multiple client projects with focus on quality and timely delivery

## Technical Skills

**Frontend Technologies:** React, React Native, Next.js, TypeScript, JavaScript, HTML5, CSS3, TailwindCSS, Shadcn/UI

**Backend Technologies:** Node.js, NestJS, Express, REST APIs, GraphQL

**Databases:** MongoDB, Supabase

**Programming Languages:** TypeScript, JavaScript, C++, Python, Java, C#, C

**Tools & Others:** Git, GitHub, Docker, TanStack Query, JWT Authentication

## Featured Projects

### Full-Stack E-Commerce Platform

A production-ready full-stack e-commerce platform featuring a modern storefront, secure backend API, and a powerful admin dashboard.

**Technologies:** Next.js, React, TypeScript, Tailwind CSS, Shadcn/UI, TanStack Query, Node.js, Express.js, MongoDB, Mongoose, JWT, Docker

#### Key Features:

- Modern storefront with product browsing, search, and filtering capabilities
- Product variations with comprehensive stock and price management
- Secure authentication with JWT and role-based access control

- Complete order lifecycle including checkout and order tracking
- Dynamic pricing system with tax, shipping, and discount calculations
- User dashboard with orders, profile, and wishlist management
- Admin dashboard for managing products, orders, users, and analytics
- Optimized frontend caching and optimistic updates for enhanced UX
- Fully responsive UI optimized for performance and accessibility

**Links:** [Live Demo](#) | [Frontend Code](#) | [Backend Code](#)

## Patient Management System

A full-stack healthcare application featuring robust role-based access, dynamic data templates, and AI-powered report generation using Google Gemini.

**Technologies:** Next.js, React, Node.js, Express, TypeScript, MongoDB, Tailwind CSS, Shadcn/UI, TanStack Query, Google Gemini API, JWT

### Key Features:

- AI-powered analysis of patient events, notes, and history for concise summaries
- Automatic generation of detailed clinical reports from patient data
- Intelligent treatment suggestions based on patterns in patient records
- AI-driven template generation for dynamic patient data forms
- Secure role-based access control for Admins, Doctors, and Staff
- Dynamic template engine for customizable data collection forms
- Comprehensive patient and user management with full CRUD operations
- Database backup and restore functionality

**Links:** [Live Demo](#) | [Frontend Code](#) | [Backend Code](#)

## TaskMaster AI – Intelligent Task & Note Management Platform

An AI-powered productivity platform combining advanced task management, habit tracking, intelligent notes, and automation.

**Technologies:** Next.js 15, React 19, TypeScript, Node.js, Express.js, MongoDB, Tailwind CSS, Shadcn/UI, TanStack Query, Framer Motion, D3.js, Tiptap, Google Gemini AI, Telegram Bot API

## Key Features:

- Advanced task management with subtasks, dependencies, and priorities
- Habit tracking system with recurrence patterns, streaks, and analytics
- Intelligent note-taking with Notion-like rich text editor
- AI-powered task generation, classification, breakdown, and scheduling
- AI-assisted note summarization, formatting, and content generation
- Multiple task views: List, Calendar, Timeline (Gantt-style), and Graph view
- Telegram bot integration for managing tasks via chat commands
- Email notifications and automated cron jobs for reminders
- Public sharing and cloning of tasks and notes with unique URLs
- Highly customizable UI with theme system and dark/light mode support

Links: [Frontend Code](#) | [Backend Code](#)

## Education

### Bachelor of Science in Computer Science 2020 - 2024

Menofia University, Faculty of Computer Science and Information Technology

*Focus on web technologies, software engineering principles, and full-stack development.*

## Certifications

- **The Ultimate React Course 2024: React, Next.js, Redux, & More**

*Udemy, 2025 | [View Certificate](#)*

- **Node.js, Express, MongoDB & More: The Complete Bootcamp**

*Udemy, 2025 | [View Certificate](#)*

- **Front-End Web Development with React (120 hours)**

*Information Technology Institute (ITI), 2023 | [View Certificate](#)*