

EZZELDDIN ABDALLAH

Front-End Engineer

CONTACT

- Portfolio: ezz-dev.vercel.app
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EDUCATION

Faculty of Engineering,
Helwan University

2021

Bachelor's in Computer Engineering

COURSES

- [Mastering Next.js 13, TypeScript](#)
- [Next.js Projects: Issue Tracker](#)
- [NodeJS - The Complete Guide \(MVC, REST APIs, GraphQL\)](#)
- [JavaScript Algorithms and Data Structures](#)
- [Advanced CSS: CSS for JS Devs](#)
- [Data Engineering Nanodegree](#)
- [Advanced Data Analysis Nanodegree](#)

Additional Projects

- [Annotatify](#)
 - Next.js, React Konva, MUI
- [Clients & Projects](#)
 - GraphQL, Docker
- [Collaborative Todo](#)
 - Next.js, Zustand, Supabase

SKILLS

- React.js
- Next.js
- TypeScript
- HTML, CSS
- Git, GitHub
- Docker
- Node.js
- Express.js
- RESTful APIs
- GraphQL
- MySQL
- MongoDB

PERSONAL PROJECTS

- Threads Clone** - [Live Demo](#) - [Source Code](#)
 - Social platform for real-time community engagement
 - Stack:** Next.js, TypeScript, MongoDB, Clerk, Tailwind
- Issue Tracker** - [Live Demo](#) - [Source Code](#)
 - Bug tracker with role-based access and Google login
 - Stack:** Next.js, TypeScript, NextAuth.js, Prisma, Tailwind
- Game-Hub** - [Live Demo](#) - [Source Code](#)
 - Game discovery platform using RAWG API
 - Stack:** React, TypeScript, Vite, Zustand, Chakra UI

WORK EXPERIENCE

FRONT-END ENGINEER

SYSTEL TELECOM.

Oct 2024 - Present

- Built a fully responsive Next.js app to connect patients with international doctors and hospitals, featuring multi-auth (phone OTP, Google, Apple), dynamic listings (infinite scroll, suspense, pagination, virtualization), and online payments (Stripe).
- Engineered a robust, real-time messaging system supporting text, audio, video, images & files and live video meetings (via Jitsi):
 - Integrated a picture-in-picture / modal video-call system using Jitsi with automated invite-toasts, join-button logic, PiP and modal modes, and draggable/resizable UI.
 - WebSockets for receiving new messages, delivery/read statuses, typing/recording indicators, and dynamic chat room creation.
 - IndexedDB (Dexie.js) for offline-first storage of messages, statuses, media, chat room details, and user data.
 - Custom scroll handling, ordered queueing, unread message counts, and seamless media preview/playback.
- Developed role-based dashboards for both doctors and patients:
 - Doctors can manage their profiles, set and update their schedules, and view appointment details with patients.
 - Patients can update personal information, add and manage family members, and track their upcoming and past appointments.

FULL-STACK ENGINEER

BIG ARABIAN GUILD

May 2023 - Oct 2024

- Built and maintained full-stack web applications using React.js, Next.js, Node.js, Express.js, TypeScript, MongoDB, and Git—including two production websites, bagguild.com and dapp.bagguild.com, handling both frontend and backend.
- Built a Hospital Management App from scratch following a detailed Figma design:

- [Figma](#)

- [Live](#)

DATA SCIENTIST

BrainWise Inc.

July 2021 - May 2023

- Implemented recommendation system for e-commerce, reducing execution time by **23.5%** and developed automated ID verification solution for national ID cards using OCR technology.
- Created alternative scoring system for Abu Dhabi Bank, achieving **1,000,000+** app downloads.
 - Google Play Store App: [Takka](#)