EZZELDDIN ABDALLAH

Front-End Engineer

CONTACT

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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
- Task Management Timer
  - Turborepo, Express.js, JWT
- 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***