



Ahmed Shehata

Web Developer </>



Profile

Its not just a job, I'm passionate with web development, performance is always the top priority for me, I'm working as full stack web developer but I prefer backend over frontend.

I'm always looking for learning new concepts and patterns so I would embrace working with new technologies

I've used functional programming most of the time but also familiar with OOP



Contact



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Cairo – 15th May City



Languages

English

Arabic



P.Languages

Typescript

Javascript

C#

VBA



Work Experience

- **2018 ~ 2020:** / Excel VBA Developer
worked as a freelancer using Excel VBA to build desktop apps that can interact with Microsoft office applications efficiently
- **2020 ~ 2022:** / Backend Developer
worked as a freelancer using NodeJS – Express and MongoDB using Mongoose package to build APIs
- **2022 ~ Current:** / Full Stack Developer (MERN)
Full time job at **Ministry of interior** using ReactJS for frontend, learned about ASP.NET Core with MVC pattern and Web API, also learned about Microsoft SQL Server DB along with MongoDB



Education

- My education was not related to programming at all, but I just followed my passion, I have Bachelor of Laws (2015)
- Courses:

2018 ~ 2019

Excel
Excel VBA

2020 ~ 2022

Javascript
NodeJS
Express JS
MongoDB
SocketsIO

2023 ~ 2025

HTML, CSS
ReactJS
C#, ASP.net
SQL
Typescript
NestJS
WebRTC



Skills

- NodeJS
- React
- WebRTC
- CSS
- NestJS
- Express
- MongoDB
- ASP.NET Core
- HTML
- Sockets IO



Previous Projects

- **Café & Gaming Center App (Backend) 2021:** used express and mongodb with server sessions auth on MongoStore (connect-mongo) used Sockets IO for real time updates on live dashboard that shows each gaming console current status.
- **POS App (Full Stack) 2022-2023:** built MERN stack app all by myself, application was about adding items to your store, get a public link to your app which works as a gallery so you can send it to someone who can view all of your items with its pictures, discounts and always be up to date if one of the items is out of stock or you intentionally hide it maybe for reservation it to someone else, with live dashboard using SocketsIO, and solid management for invoices, receipts, expenses and revenue.



Continue with Previous Projects

- **Online Reservation App (Frontend) 2023** : using ReactJS for 8 steps reservations dates for renew or extracting new residence permits for foreigners, the client can quit app anytime and get backs exactly where he was when he login back.
- **Markets and Branches App (Backend) 2024**: used NestJS and prisma postgres database to create application for announcing for markets that joins specific initiative, application had a solid logging system built from scratch to record who modified which market or branch from which ip address and what was the shape of branch or markets before and after the edit, also client can only use app from whitelist of IPs can be added by the administrator account, but the most feature im proud of in that application is excel file upload, choose an excel file and the app will look for the required 3 columns with any order, and it will give you report with the valid markets and branches to be added, which are duplicated and wheather its duplicated in database or in the excel sheet itself, and which have errors, and it points to each of errors and duplicates cell address on the excel sheet, you can refuse and all of these data will be deleted, or confirm and then a JSON file which were created with valid data will be inserted at once so it works really fast.
- **Video & Text Chat App (MERN Stack) 2024**: learned about WebRTC and wanted to use it in a small app so i created an application using Typescript with express and react with SocketsIO for signaling, WebRTC connections were peer to peer, planning on creating similar app but connecting method gonna be SFU (Single Forwarding Unit).



Related Skills

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|----------|--------------------------|--------------|--------------------------|
| • Git | <input type="checkbox"/> | • PassportJS | <input type="checkbox"/> |
| • Docker | <input type="checkbox"/> | • Prisma | <input type="checkbox"/> |
| • Nginx | <input type="checkbox"/> | | |
| • IIS | <input type="checkbox"/> | | |