Mohammed Maher Ahmed

Software Engineer | MERN

Senior MERN Stack Developer with expertise in **React.js, Next.js, Node.js (Express.js, Nest.js), and microservices architecture**. Skilled in **DevOps, CI/CD, Docker, Kubernetes,** and **AWS (EC2, Lambda, S3, RDS, API Gateway)**. Strong experience in **RESTful APIs, GraphQL, authentication (JWT, OAuth),** and **databases (MongoDB, PostgreSQL, MySQL)**. Passionate about building **scalable, high-performance applications**, following best practices, and leading teams in Agile environments.

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WORK EXPERIENCE

Senior Full-Stack Developer
Ibn Sina Pharma

09/2024 - Present   *Cairo*

Achievements/Tasks

- Led development and delivery of high-traffic web applications, enhancing user engagement and retention through optimized MERN stack architecture
- Mentored junior developers, conducted code reviews, and enforced best practices in coding, security, and deployment
- Automated development workflows, integrated CI/CD pipelines, and reduced deployment times, enhancing team productivity

Full-Stack developer.
Motajer software house

04/2024 - Present   *Alexandria*
worked as part time, Remotely

Achievements/Tasks

- **Project Analysis & Database Design and ERD Creation.**
- Developed and deployed multiple web applications using **MongoDB, Express.js, React.js, and Node.js**, including a complex e-commerce site with user authentication and real-time chat feature.
- Leveraged **Next.js** to build a server-rendered React application.
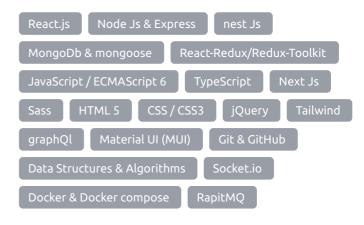- Implemented **SEO best practices.**

Full-Stack developer
Sphinx Publishing Company

04/2023 - 09/2024   *Alexandria*
worked as a full time

Tasks

- Creating dynamic web pages using React components and hooks
- Building RESTful APIs using Express and Node.js to handle requests and responses
- Connecting to MongoDB databases using Mongoose to define schemas and models

SKILLS

React.js   Node Js & Express   nest Js

MongoDb & mongoose   React-Redux/Redux-Toolkit

JavaScript / ECMAScript 6   TypeScript   Next Js

Sass   HTML 5   CSS / CSS3   jQuery   Tailwind

graphQl   Material UI (MUI)   Git & GitHub

Data Structures & Algorithms   Socket.io

Docker & Docker compose   RapitMQ

PROJECTS:

Centralized Administration Dashboard (CAD)
(11/2024 - Present) ☐

- this app to manage all apps in Ibn-Sina company and manage all ads displayed for customers
- The front end is built using **React** and **TypeScript** and **Redux-Toolkit**
- The backend is built using **NestJS** with **microservices architecture**
- I'm responsible for architect and development the app and deployment

TUV Group Plus Company Website – Freelance App
(11/2024 - 01/2025) ☐

- The front end is built using **Next.js** and **TypeScript** , ensuring a fast, scalable, and type-safe user interface.
- **Next.js** provides server-side rendering (SSR), which enhances performance and SEO for better visibility and faster load times.
- The backend is developed using **Node.js** with **Express**, offering a lightweight and efficient API for handling user requests.
- **Express** serves as a robust framework, allowing for quick and easy creation of RESTful APIs to handle core functions such as user authentication, project management, and job posting.

Pharmasyst App – Desktop Application

- The Pharmasyst App is a robust desktop application designed to streamline pharmaceutical management and enhance operational efficiency for pharmacies. It provides a comprehensive suite of tools to manage inventory, track medication orders, and maintain patient records
- The front end is built using **Electron** combined with **React** and **Node.js** and **Express**, providing a cross-platform desktop application that runs seamlessly on Windows, macOS, and Linux

EDUCATION

FACULTY OF ARABIC LANGUAGE
AL AZHAR UNIVERSITY

09/2016 - 09/2019