# Mahmoud Hamza

# Fresh Graduate computer engineer & junior MERN stack developer

▼ Tanta, Egypt 

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## **EDUCATION**

Bachelor Of Science, Computer Science and Automatic Control. faculty of engineering | Tanta University

Aug 2018 - Jul 2023 | very good

#### **EXPERIENCE**

Albonyan Almarsos Internship | Dec 2022 - July 2023

Learned through intensive courses HTML, CSS, JavaScript, React.js, node.js, express.js, MongoDB, git. Created many projects to apply this knowledge (Frontend, Backend and Full stack projects)

#### **ACHIEVEMENTS**

Won <u>fifth-place</u> at Tanta-University Qualification for ECPC Competitions | Aug ,2021

#### **SKILLS**

Languages: JavaScript, C++, python

Front-End Development HTML5, CSS3

Frameworks/Libraries: React.js, Express.js, Bootstrap, Mongoose

Miscellaneous Node.js, Git, OOP, Restful Architecture, Socket.io, MVC, Docker

Databases: MongoDB

Platforms/Tools Render, GitHub, Firebase, Netlify, Vercel

#### **PROJECTS**

YourNotes <u>Live</u> – <u>Code</u>

A MERN STACK based app. User can sign up and create profile then can start adding notes, mark them as completed, update or delete them and implement localization so user can change the language between Arabic and English beside including dark and light theme.

Tech Stack: node.js, react.js and mongo DB.

#### Video Call Live — Code

It is a streaming app using JavaScript, node.js, socket.io and webRTC to establish peer to peer connection between 2 users to make a video call. We need to join a room using a room number then start the call. Tech Stack: JavaScript, Node.js, Express.js, Socket.io, WebRTC.

### Car Showroom Live - Code

It is a React based application that allows clients to see new cars, collecting them in a cart to purchase them. applying responsive design, react context API, intersection observer, fetching data and localstorage API.

Tech Stack: React, JavaScript, CSS.

## Kalbonyan Board Live — Code

It is a Kanban Board for managing your tasks for more productivity. It is using localstorage API to store user's tasks, applying complex JavaScript functionalities such as drag & drop listeners and start & end touch screen listeners. Tech Stack: JavaScript, HTML, CSS.