

# Marwan Medhat Mahmoud Ibrahim

Back-end  
developer

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## EDUCATION

Faculty of Computer &  
Informations - Menofia  
University,  
Very good with GPA 3.28  
3rd year

## KEY SKILLS

NodeJs

DataBase (SQL,  
MongoDB, Prisma)

MVC design pattern.

JSON

Ajax

Data structure &  
Algorithm

Problem Solving

DFS, BFS, MST

Dynamic Programming

OOP

HTML, CSS, JS

Dot Net

## PROFILE

I am back-end developer, keen to do my best to become full stack developer with frame work front end. also, interested to learn new Technical and communication skills, have good skills in team work and leadership, solve many complex problems

## SKILLS

### Node Js Developer

- Develop basics of nodeJs with tasks.
- Add new advanced features with tasks.
- Maintenance of working projects.
- Work with structures such as MVC
- Create API, Work with API.
- Adding features to API.
- Working on API for mobile app (API).
- Fetch data from database with out reload page (Ajax).
- Database normalization.

### Dot Net Certified by iti

- Develop web pages with dot net framework.
- Maintenance of working projects.
- Work with MVC structure
- LinQ
- Ajax

### Database

- Well Knowlage in MongoDB, SQL server and Prisma.
- Create and Update database.
- Ability to write and optimize SQL queries to retrieve and manipulate data from databases.
- Database design.

### Data structure & Algorithm

- Create data structure such as linked list (Singly ,Doubly, Circular, Sorted) and trees
- Sorting Algorithms such as Bubble Sort, Insertion Sort, Merge Sort
- Search Algorithms such as DFS, BFS, Binary Search, MST, Tree Traversal Algorithms, Graph Traversal Algorithms

### Strong Problem Solving and analytical skills

- Participated in competitive programming such as (ECPC).
- Solved many problems (codeforces handle: marwanmm4626).
- Analysys complex problems and breaking the problem down into easier and smaller parts.

### HTML, CSS, JS

- Create Static and Dynamic pages

### Java, C#, C++ and Python

- Create GUI with Javafx and Visual Basic
- Work with pointers of C++
- OOP of C++, C#, Java

### Ajax

Data structure &  
Algorithm

C++, Java, Python, C#

REST API

Bootstrap5

TailwindCSS

## ORGANIZATIONS

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Icpc Menofia Community,  
Leader [↗](#)

## CERTIFICATES

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- Dot net By iti [↗](#)
- Qualifications ECPC 2021 [↗](#)
- Qualifications ECPC 2022 [↗](#)
- ECPC 2022 [↗](#)

## PROJECTS

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### MOE Project

Some of Minister of Education pages using **HTML, JS, CSS, Bootstrap5**  
[↗](#)

### University System

Full-Stack Project

Some features of University System using **Node JS, tailwindcss, EJS, Ajax, CSS, DataBase prisma** [↗](#)