

# MOSTAFA MOHDY

## Software Engineer ( Node - React )

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### Objective

- Software Engineer seeking opportunities to leverage skills in the following web development frameworks: ReactJS, NodeJS, for creating dynamic and user-centric web applications.

### EXPERIENCE

FULL-STACK ENGINEER | (FREELANCE) SELF-EMPLOYEED | JUNE 2022 - PRESENT

- Create an imagination of the client's chosen website and draw it on paper
- Build the server side with the required technology and API
- Building the database and testing its validity and confidentiality
- Build the user interface chosen by the client
- Integrity the user interface with the server side and testing the efficiency of each function, then testing the program as a whole

### TECHNICAL SKILLS

#### LANGUAGES AND FRAMEWORKS

- HTML , CSS , Bootstrap , SCSS/SASS , JavaScript , ES6 , React.js , Redux
- Node.js, Express.js, RESTful APIs, NoSQL( MongoDB), SQL( MySQL, Sql Server)

#### Concepts

- Data Structures and Algorithms,
- OOP , Design Patterns ,
- Functional programming
- Functional Testing ,
- Database Systems , Operating System (Fundamentals)
- Git Version Control , GitHub ,
- Problem solving [🔗](#)
- (Java , C++ , Python , Dart) languages .

#### Software Life Cycle

- Requirements specification , SOLID Principles
- Design / Implementation , Testing

### Soft Skills

- Ability to perform in a team environment
- Excellent analytical skills with a good problem-solving attitude

### Education

COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE |  
HELWAN UNIVERSITY | UNDERGRADUATE | OCT2021 -  
JULY 2025

- Cumulative grade : Very Good | 3.27

### Projects

ELMAHDY SHOP [NODE.JS, REACT.JS, MONGODB, EXPRESS.JS, JWT, REDUX, POSTMAN] [🔗](#) [🔗](#)

- I created and managed it on my own build, code and test , Frontend & Backend .
- Elmahdy Shop is an ecommerce application that allow clients to buy different products
- app acts like (Amazon , Noon , ...etc)
- with an electronic payment feature by credit card or paypal .
- app is excellent in security and information saving . [JWT]

GOOGLE CALENDAR API [NODE, POSTMAN, GOOGLE - API , EXPRESS] [🔗](#) [🔗](#)

- This application leverages Google Calendar API with Node.js and Express to create a robust set appointment system.
- It follows an Object-Oriented Programming (OOP) paradigm and includes a custom User Model
- For more Details , Click on Link Above

TODOLIST APP [REACT.JS , HTML , CSS , JAVASCRIPT] [🔗](#) [🔗](#)

- Todolist app allows users to record their daily tasks and arrange them in the form of a list
- user can determine whether he has finished performing the task or not
- If he has finished, he clicks on the task and it is placed in the complete field
- created and managed it on my own structure , code
- it had been deployed on github pages , link is above

ARTICLES WEBSITE [NODE.JS, EJS, MONGODB, EXPRESS.JS] [🔗](#) [🔗](#)

- created and managed it on my own build, code and test , Frontend & Backend
- Article Website allow users to add articles by adding (article Header , article Summary , article Body ) .
- it allows users to see articles that had inserted
- it have night mode feature for eye protected while using
- deployed on free hosting and link is above