

# Abubakr Elzayat

## Backend Developer

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Highly motivated Backend Node.js Developer with a strong passion for creating efficient and scalable web applications. Skilled in developing APIs and implementing server-side logic using Node.js, Express, and MongoDB. Proficient in version control using Git and experienced in TypeScript development.. Additionally, I have a solid foundation in data structures, algorithms, and problem-solving, enabling me to design and implement efficient and optimized solutions. And I have a passion to learn new features and skills that can help us to increase productivity and make our work easier in our company.

## Projects & Nodejs Experience

- I made many projects in order to learn Node.js and learning how to do same think with different techniques like old way and latest way or bad way and better way, and finally i made two projects in which i decided to use the best and latest techniques i had learned to make my app cleaner and more efficient
- For example, I have a good idea about how to handle errors using basic ways, and using AsyncWarpper, and finally using express-async-errors, which makes my code more readable and cleaner, and makes me have a very good idea of how to handle errors in Node js.
- Implementing and maintaining database schemas and data models
- have practices with (CRUD) concept using REST API & Express , meaning how to make query from MongoDB using Mongoose, like create and find and update and delete data.
- have practices in how to searching or sorting, limit, or make pages of current data we looking for from MongoDB.
- I know how to make authentication and authorization in node js projects, using JWT .
- have an idea about how to use basic security packages in Node Projects, like (helmet – cors – xss clean – express rate limit).
- I know how to test Nodejs app, and how to link it with Swagger Documentation.
- In Typescript Project , I learned how to create app module , which based on routers and services for every controller logic , and services for every mongodb-model logic
- also in Typescript Project I have used chalk package to make every request coming to our server printable in terminal.

## Github Links

[Store-API Using Nodejs Express & Swagger Documentation Interface](#)

[Ecommerce-TypeScript](#)

## Education



### University

- Documentation & Information Sciences - Al Azhar University

2017

## Skills & Knowledge

- C++ , OOP , Encapsulation, Inheritance, Polymorphism
- Data Structure & Algorithms
- Problem-solving
- HTML - CSS
- Java Script
- Nodejs - Express
- MongoDB & Mongoose
- Git & Github
- Type Script
- JSDoc Swagger Documentation interface
- Nestjs (started to learning these days)
- Vuejs & Vuetify (Front-End)