

# Basma Mahmoud Younis

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## Objective

Junior Backend Developer skilled in Node.js, NestJS, Express.js, and MongoDB, with a strong focus on building secure, scalable, and maintainable APIs. Passionate about clean code and backend architecture. Seeking to join a dynamic, tech-driven team where I can deliver impactful solutions and continue growing as a developer.

## Technical Skills

**Programming Languages:** JavaScript (ES6+), TypeScript (Intermediate) Backend

**Development:** Node.js, Express.js, NestJS, RESTful API Design, GraphQL ,CRUD Operations, Error Handling, MVC Architecture

**Database Technologies:** MongoDB, Mongoose, Database Schema Design, Data Validation

**Authentication & Security:** JWT (JSON Web Tokens), bcrypt, Secure Authentication

**Frontend Basics:** HTML5, CSS3, Bootstrap, Angular (Basic), Responsive Design

**Version Control & Collaboration:** Git, GitHub, Git Workflow

**API Testing & Debugging:** Postman, API Documentation, Debugging Techniques, Status Codes & Response Handling

**Deployment:** EvenNode, Environment Variables, Production Build

**Programming Concepts:** Object-Oriented Programming (OOP), Asynchronous Programming (Promises & async/await), Modular Code Structure, Clean Code Practices

**Professional Skills:** Problem-Solving, Task Management

# Projects

## Smart Note App (GraphQL + REST API)

**Tech Stack:** Node.js, Express.js, MongoDB, GraphQL (Apollo), JWT, OpenAI API, Multer

 **GitHub:** <https://github.com/Basma272/smart-note-api>

Built a secure hybrid Notes API with JWT auth, revoked token handling, and modular architecture.

Supports user registration, profile image upload, note CRUD, and GraphQL filtering + pagination.

Integrated OpenAI API for smart note summarization via LLMs.

## E-Commerce API

**Tech Stack:** Node.js, Express.js, MongoDB, Cloudinary, JWT, PayPal API

 **GitHub:** <https://github.com/Basma272/E-Commerce>

Designed and developed a scalable, full-featured RESTful API for an E-Commerce platform.

Implemented secure authentication using JWT with OTP email verification.

Enabled role-based access control (Admin / Customer).

Built complete product management (size, color, stock, image upload via Cloudinary).

Integrated checkout flow with PayPal, Card, and Cash payment support.

Handled cart logic, order tracking, delivery status, and real-time updates.

Applied clean MVC architecture with reusable utilities and structured error handling.

## Task Manager API

**Tech Stack:** Node.js, Express.js, MongoDB, JWT, Joi

 **GitHub:** <https://github.com/Basma272/task-manager>

Developed a secure REST API for managing personal tasks.

Included user registration with email OTP verification and JWT-based authentication.

Supported role-based access control (Admin / User) with secure CRUD operations.

Applied input validation using Joi and followed MVC design principles

## **Experience / Internships .**

### **Rote Academy – Web Development Trainee (2023 - 2024)**

- Built backend features using Node.js and MongoDB. - Practiced debugging and API testing with Postman. - Worked in version control using Git and GitHub.

### **Data Science Conference MENA 2024 – Attendee**

- Gained insights from industry leaders in datascience. - Engaged in discussions on advancements in the field.

### **Military Education Program – Volunteer**

- Developed leadership skills, teamwork, and event organization.

## **Education**

### **Web Development Diploma – Rote Academy (2023 -**

2025) Bachelor of Business Administration – Helwan University

### **Expected Graduation: 2026**

English Language Course – British Council (2024)

## **Languages**

Arabic – Native

English – Proficient