

# Ahmed Toba Mahmoud Abdraboh

## Backend Engineer

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[E-mail](#) | [LinkedIn](#) | [GitHub](#)

### OBJECTIVE – SUMMARY

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Backend Developer with a solid foundation in OOP, Data Structures, and Algorithms. Experienced in building RESTful APIs using Node.js, Express.js, MongoDB, and Mongoose, with strong skills in database design and ER modeling. Completed hands-on training in the MEAN Stack and currently expanding into full-stack development with Angular. Passionate about writing clean, scalable code and building real-world solutions.

### EDUCATION

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- B.Sc. in Communications and Electronics Engineering
- Faculty of Engineering, Beni Suef University
- Oct 2021 – Jun 2026 (Expected)
- Grade (Last Academic Year): Very Good

### EXPERIENCE - PROJECTS

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- **E-Commerce Website – Full-Stack Online Shopping Platform.** [\(GitHub\)](#)  
**Tech Stack:** Angular, Bootstrap, Node.js, Express.js, MongoDB, Mongoose  
Built a complete e-commerce web application with role-based access control. Implemented product listing, dynamic cart, order management, and authentication. Admins can add, update, and delete products, while users can browse, order, and track their purchases. Followed modular design and clean code principles to ensure scalability and maintainability.
- **Node Farm – Dynamic Product Overview Website.** [\(GitHub\)](#)  
**Tech Stack:** Node.js, HTML, CSS, JavaScript (Core), File System Module  
Developed a dynamic product listing web app using Vanilla Node.js, featuring custom server-side routing and file handling (sync & async). Implemented templating to generate HTML pages, reinforcing key backend concepts such as HTTP server creation, routing, and file system management.
- **Banking System (Console-based)**  
**Tech Stack:** C++, OOP, File Handling, Data Structures.  
Developed a complete banking system in C++ that allows adding, editing, deleting, and searching for customer records using file handling and object-oriented programming.

### TRAINING

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- **MEAN Stack Web Development – NTI (National Telecommunication Institute).** [\(GitHub\)](#)  
**Duration:** 120 hours  
Completed hands-on training in full-stack development covering DOM manipulation, advanced JavaScript, TypeScript, Node.js, Express.js, MongoDB, Mongoose, and Angular (components, routing, services, forms, and HTTP integration).  
Also covered JWT authentication, ER modeling, modular architecture, and version control with Git/GitHub.

## TECHNICAL SKILLS

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- **Programming Languages:** JavaScript (ES6+), TypeScript, C++, C.
- **Backend Development:** Node.js, Express.js, RESTful APIs, File System, Routing, JWT Authentication.
- **Frontend Development:** Angular, HTML5, CSS3, DOM Manipulation, Bootstrap.
- **Database:** MongoDB (CRUD), Mongoose, Database Design, ER Modeling, JSON.
- **Core Concepts:** Object-Oriented Programming (OOP), Object-Oriented Analysis & Design (OOAD), Data Structures & Algorithms, Problem Solving, Clean Code Principles
- **Tools & Platforms:** Git, GitHub, Visual Studio Code, Postman, npm.
- **Currently Improving:** Full-Stack Integration, MVC Architecture, Modular Project Structure, GitHub Collaboration.

## PERSONAL SKILLS

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|---|-------------------------|------------------------------------|
| -Communication Skills.                          | -problem-solving.       | -Multitasker.                      |
| -teamwork and collaboration skills.             | -Leadership experience. | -Creative and innovative thinking. |
| -Critical thinking and decision-making ability. |                         | -Willingness to Learn.             |
| -Cultural Sensitivity.                          | -Networking.            | -Adaptability.                     |

## Languages

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- **Arabic:** Native.
- **English:** Very Good.

## VOLUNTEERING EXPERIENCE

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- **Business Developer & Co-Founder at Maymay Start-up.** Jan 2025 – Till now.
  - Developing business strategies, identifying growth opportunities, and establishing key partnerships. Leading efforts in product development, market research, and customer acquisition for the startup
- **Marketing Vice at Rally BSU.** Feb 2025 – Till now.
  - Overseeing marketing strategies, leading the team in organizing promotional campaigns, and managing.
- **Head OF HR at GDSC EELU.** Feb 2024 – Aug 2024.
  - Qualifying and training members to follow up, evaluate, and solve the problems of other committees. Work on developing and organizing the community.