**Yousef Mohamed Belal**

Software Engineer (Full-Stack MEARN)

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**PROFILE:**

Full-Stack Developer focused on modern JavaScript/TypeScript stacks (MERN & MEAN). Strong interest in backend development, with solid hands-on experience building secure and scalable web applications. Familiar with Clean Architecture, Test-Driven Development (TDD), and setting up basic CI/CD pipelines using GitHub Actions. Eager to design user-focused software that delivers real value while continuously improving technical skills and best practices.

**EDUCATION:**

**Information Technology Institute (ITI)** Jul 2025 - Dec 2025

Postgraduate Diploma in Full Stack Web Development (MEARN) Cairo, Egypt

**Faculty of Engineering, Computer Science and Control Department** Oct 2019 - Jul 2024

Mansoura University Mansoura, Dakahlia, Egypt

**MILITARY SERVICE:**

**Egyptian Armed Forces** Oct 2024 - Dec 2025

- Completed **ITI** intensive training program in full stack MEARN in my final 4 months (Sep - Dec 2025). Cairo, Egypt

**WORK EXPERIENCE:**

**Freelance Software Engineer:** Oct 2022 - Present

- Designed and developed 10+ cross-platform mobile applications from concept to deployment,

published on the Play Store and App Store.

- Built and maintained apps that collectively served 1,000+ active users, ensuring smooth performance and high reliability.

- Collaborated with international clients across multiple countries, delivering tailored solutions that met diverse business needs.

**PROJECTS:**

**Smart Fitness & Management Solutions (Graduation Projects – University):**

- Developed an online coaching platform featuring workout plans, nutrition tracking, and secure payment integration.

- Stack: Node.js, TypeScript, PostgreSQL, Docker, Firebase Storage.

- Client Demo: [Video Link](https://drive.google.com/file/d/1FQyEIGfF22ASuhVv1_hRai86LCn2YZxO/view?usp=sharing)

- Coach Demo: [Video Link](https://drive.google.com/file/d/1_kRmUInOOjvBU-wyT6hXBu6O71CFAQKH/view?usp=sharing)

**Hotel Booking** [](https://github.com/yousefmobelal/hotel_booking_backend)**:**

- Hotel booking platform that allows users to search for hotels, view room availability, and reserve rooms securely.

- It’s designed to power both web and mobile clients, handling everything from user authentication to booking management.

- Tech: Node.js, Express.js, MongoDB, JWT, bcrypt, RESTful API Design.

**SKILLS:**

- **Programming**: JavaScript, TypeScript, Dart, C#, Python

- **Backend**: Nodejs, Express.js

- **Frontend**: HTML, CSS, React, Bootstrap, Angular

- **Database**: MongoDB, SQLite

- **Tools**: Git, Github, Github Actions, Firebase

- **Concepts**: OOP, Data Structures, Algorithms, Design Patterns, OS, Computer Networking, Agile Development