




# Maryam Tarek

## Backend Developer

Passionate Computer Science student eager to contribute to innovative software solutions through strong problem-solving abilities and a growth mindset

### CONTACT

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### EDUCATION

**Computer Science - Bachelor's degree - Benha University (2022 - 2026)** GPA: **3.84**

**Courses:** OOP, Data Structures, Algorithms, Logic Design, Computer Architecture, CCNA, Databases

### ACTIVITIES

- Ranked 10th in [ECPC](#) (70+ college-level participants) and 30th overall (210+ total participants) in my first year in college. [Certificate \(08-2023\)](#)
- Solved 500+ problems using C++ on [Codeforces](#) & [LeetCode](#) (MaryamTarek03).
- Participated in the GDSC Bootcamps, focusing on Flutter, Data Analysis, and Web Development.
  - Achieved 1st place in the final contest of the first Flutter Bootcamp, held after my first term.
- Participated in IEEE seasons and events, focusing on Flutter and Frontend.

### EXPERIENCE

**ITI** Was accepted into the .NET Fullstack 1-month program at ITI, finished multiple mini-projects and an E-Commerce App

### PROJECTS

**Game Library System (using Laravel)** (Tools: PHP, MariaDB, MVC, Eloquent, Tailwind CSS, HTML)

- Built a game collection manager with features for search filtering, and personal collections.

**E-commerce Application (using .NET)** (Tools: C#, MVC, Singleton, PostgreSQL, Bootstrap, Entity)

- Developed a functional e-commerce platform with features like product listing.
- Utilized Clean Architecture for maintainable code.

**Social Media App (using Flutter)** (WIP) (Tools: Dart, Firebase, BLoC MVC, Clean Architecture, OOP)

- Implementing features like posting, liking, commenting, user accounts, follow system, multiple themes, localizations, and Firebase for real-time database functionality and user authentication.

**Coffee Shop (using Flutter)** (Tools: Dart, OOP)

- Designed coffee shop mobile application UI using Flutter, focusing on intuitive user experience.

**Book Loan System (using Python)** (Tools: Custom Tkinter, SQLite, OOP)

- Developed a library management system for tracking book loans and simple reporting features.

**Supermarket Management System (using Java)** (Tools: Java Swing, MySQL, OOP)

- Created an app for inventory and sales management.

### TECHNICAL SKILLS

**Languages:** C++, Java, Python, C#, SQL, PHP, JavaScript, Dart

**Frameworks:** Laravel | .NET | Flutter

**Tools:** Firebase | Git | SQL Engines | MongoDB | Notion & Obsidian

**Other:** Clean Architecture, Database Design (ERD), Tailwind CSS & Bootstrap, RESTful APIs

### SOFT SKILLS

Fast-Learner • Leadership • Problem-solving • Teamwork • Adaptability

### LANGUAGES

Arabic (Native) • [English \(C1\)](#)