

# Maryam Tarek

## Full-Stack Developer

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Full-stack developer interested to join Grand Technology, with hands-on experience in building web applications using .NET, Laravel, and the MERN stack. Proficient in C#, ASP.NET Core, SQL Server, PHP, MySQL, Node.js, MongoDB, and RESTful APIs. Solid understanding of backend, fullstack development, and front-end technologies with a focus on clean, maintainable code. Strong problem-solving skills and a continuous learner who keeps up-to-date with industry trends and works well in team-based environments. Seeking to enhance my backend skills in practical environments.

## EDUCATION

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**Computer Science Bachelor's degree - Benha University**

**2022 - 2026**

**GPA:** 3.86 / 4.0

**Relevant Courses:** Object-Oriented Programming (OOP), Data Structures, Algorithms, Software Engineering, Database, System Analysis, CCNA, Logic Design, Computer Architecture

## COURSES & CERTIFICATIONS

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**Digital Egypt Pioneers Initiative (DEPI)**

**Jun 2025 - Dec 2025**

Participated in a 6-month intensive backend-focused fullstack development program. Gained hands-on experience in building modern web applications using .NET Core, ASP.NET MVC, SQL Server, Entity Framework, and RESTful APIs. Additional training included C#, JavaScript, Git, Docker, unit testing, and frontend fundamentals like HTML5, CSS3, and JS.

- Built SQL Server databases with stored procedures and advanced queries.
- 50+ [Hackerrank](#) SQL Problems Solved
- Applied C# design patterns, LINQ, and EF Core for efficient backend architecture.
- Gained practical experience with Docker containers CI/CD fundamentals and deployments.
- Completed 1 capstone project demonstrating real-world application development.

**MERN Stack - ITI 1-month Program**

Trained in MongoDB, Express.js, React.js, and Node.js for fullstack web development with JavaScript, TypeScript and frontend basics.

**PHP & Laravel Full Stack - ITI 1-month Program**

Focused on backend development with PHP and Laravel, including MySQL / MariaDB, REST APIs, and frontend basics with HTML, CSS and JavaScript.

**.NET Full Stack - ITI 1 month Program**

Intensive training covering C#, ASP.NET Core, SQL Server, and frontend technologies.

**Flutter Advanced Course Bloc and MVVM Pattern - Udemy, Tharwat Samy**

Completed the course covering advanced Flutter development concepts, best practices, and clean architecture.

**Flutter Technical Team Member - IEEE BUB SB**

Trained in developing mobile app features using Flutter with state management via BLoC. Integrated Firebase services for authentication and real-time data, worked with RESTful APIs, and implemented local data persistence using Sqflite

## SKILLS

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### Technical Skills

- **Languages:** C++, JavaScript (ES6 +), TypeScript, Python, C#, SQL, PHP, Dart
- **Frameworks:** .NET, ExpressJS, NestJS, Laravel, React, Flutter
- **Tools:** Version Control System (Git), VSCode, Docker
- **Databases:** PostgreSQL, MongoDB, Firebase, NoSQL
- **Other:** Clean Architecture, Database Design (ERD), Tailwind CSS & Bootstrap, RESTful APIs, Computer Science Fundamentals

### Soft Skills & Languages

- **Skills:** Fast Learning, Teamwork, Analytical skills, Communication Skills, Adaptability, Independence, Problem Solving
- **Languages:** Arabic (Native) • English (C1)

## PROJECTS

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### Game Library System

Laravel, PHP, MariaDB, Eloquent ORM, Tailwind CSS, MVC

- Built a game collection manager for 100+ games, Collaborated with a 3-person team to implement search filtering and personal game collections.

### E-Commerce Website

C#, ASP.NET MVC, PostgreSQL, Entity Framework, Bootstrap

- Led the backend development of a functional e-commerce platform with product listings and dynamic categories. with support for 50+ products.
- Utilized Clean Architecture and Singleton pattern for maintainable code.
- Overcame multiple integration challenges related to database design and user flow.

### Social Media App

Flutter, Dart, Firebase, BLoC, MVC, Clean Architecture

- Implementing features: posts, likes, comments, user profiles, and follow system.
- Supports multiple themes (Implemented 2 themes with both dark and light versions) and localization with Firebase authentication & DB.

### Coffee Shop UI

Flutter, Dart, OOP

- Designed a mobile UI for a coffee shop focusing on a clean and intuitive user experience (UX) with 5 pages of content.

### Book Loan System

Python, Custom Tkinter, SQLite, OOP

- Leading a team of 4, Developed a desktop app to track book loans with simple reporting tools.
- Used a single page design to save 1 sec from user time each time they change page

### Supermarket Management System

Java, Swing, MySQL, OOP

- Developed an inventory and sales tracking system for a supermarket with 3 core features: stock management, billing, and product search.

## EXTRACURRICULAR ACTIVITIES

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### ECPC, Competitive Programming

- Ranked in top **15%** in ECPC (70+ college-level participants) and (210+ total participants) in my first year in college. Certificate (Aug 2023)

### ICPC Community, Problem Solving

- Solved **500+ problems** using C++ on Codeforces & LeetCode (MaryamTarek03).

### GDSC, Coding Bootcamps.

- Participated in the GDSC Bootcamps, focusing on 3 tracks: Flutter, Data Analysis, and Web Development.
- Won 1st place in GDSC Flutter Bootcamp final contest, outperforming 50+ participants, held after my first term.