# Abdullah Ahmed Abdullah Sherdy

## Software Engineer

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in Abdullah Sherdy  ⭘ Abdullah Sherdy  ⟨ Abdullah Sherdy  ▶ Abdullah Sherdy's channel

## OVERVIEW

Backend Software Engineer with a strong foundation in API development, database management, and building RESTful services.

## SKILLS

**Backend Development**
C#, Python, PHP, Java, EF Core,
ASP.net Core API,
ASP.net Core MVC.

**DevOps**
Git, GitHub, Docker.

**Software Engineering**
Problem Solving, Data Structure
and Algorithms,
RESTful APIs, OOP, OOD *(design patterns)*, SOLID principle.

**WorkFlow**
Agile/Scrum, Trello, Git-Flow.

**Database**
MSSQL,
Oracle.

## PROFESSIONAL EXPERIENCE

**Coding Instructor**                                                  Jan 2024 – present
Coding instructor and content creator, conducting live sessions in "Mo5am El     Cairo, Egypt
Freelance" and managing an educational channel. Teach programming
fundamentals and advanced concepts, develop structured lessons, and mentor
aspiring developers.

## PROJECTS

**The Book Haven** ⧉
*DEPI Graduation Project*
- **Description:** The Book Haven is a comprehensive library management system designed as a graduation project. It provides functionalities such as user management (Admin, Author, Member roles), book search with filters, loan management, and penalty calculations for overdue books. The system is built using ASP.NET MVC, focusing on modular architecture for easy scalability.
- **Key Achievements**:
  - Implemented role-based dashboards for Admin, Author, and Member roles.
  - Integrated loan management system with overdue penalty calculation.
  - Designed and developed User Profile functionality for CRUD operations.
  - Enabled category-based book search with pagination and filtering
- **Tech Stack**: ASP.NET MVC, Entity Framework, SQL Server, Bootstrap, JavaScript.

## EDUCATION

**Bachelor's in Computer Science**                                       Oct 2022 – present
**Faculty of Computer Science and Artificial Intelligence, Helwan University, Cairo.**     Cairo, Egypt

**Digitial Egypt Pioneers initiative**                                        2024 – 2024
.NET Web Development Graduate                                            Cairo, Egypt

## LANGUAGES

- Arabic
- English