

MENNATALLAH AHMED

Nasr city, Cairo
mennatallahahmed892@gmail.com
01011287860

LinkedIn: <https://www.linkedin.com/in/mennatallah-ahmed-0b0a72277>

GitHub: [mennatallah222](https://github.com/mennatallah222)

A .Net backend developer and a fourth-year student. My passion lies in ASP.NET, focusing on creating efficient and secure web services and APIs. Passionate about staying updated with the latest technologies and industry best practices in software development and advance professionally in the field.

EDUCATION

Faculty of Computers and artificial intelligence, Cairo university

2021-present

Software Engineering

- Expected graduation year: 2025
 - GPA: 3.28
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PROJECTS

Books Shopping and Social Media

GitHub: <https://github.com/mennatallah222/BookHub-API>

- Developed ASP .Net Web APIs demonstrating Clean Architecture principles
- Implemented user, order, customer, product, cart and books management.
- Leveraged SQL Server and AutoMapper for DTO mapping and Pagination for performance optimization.
- Implemented CQRS and MediatR, authentication and authorization using JWT and Localization in Arabic language.

Trello API Project using JavaEE,

GitHub: <https://github.com/mennatallah222/TrelloAPI>

- Implemented the backend logic for Trello app using Java EE.
- Allowing users to create boards, lists and cards to organize their tasks. Users can collaborate with other team members, assign tasks and track progress.
- It includes REST APIs, messaging for real-time updates and authorization and authentication.

.NET Core MVC E-commerce Web Application,

GitHub: <https://github.com/mennatallah222/Ecommerce-project-ITI>

- Created an e-commerce platform with intuitive navigation, user registration, and role-based authorization. Implemented CRUD operations.
- Utilized MSSQL Database demonstrating my understanding of database, C#, LINQ, EF, and ASP.NET Core MVC.

JMemorize Software Maintenance, added Arabic Language,

GitHub: <https://github.com/mennatallah222/JMemorize-Software-Maintainance>

- Contributed in analyzing and adding Arabic language support to JMemorize form application, enhancing its usability for Arabic-speaking users and ensured functionality across the software.

Spring Boot E-commerce Web Application

Train Booking Web Form using C#

- Developed a web application for train seat booking and trip management, featuring user authentication and an admin dashboard for managing trips and seats.
- Utilized SQL Server for database management and designed a user-friendly interface.
- Implemented Crystal Reports to create customizable reports

Othello game using Python GitHub: <https://github.com/mennatallah222/Othello-Game>

- Developed an AI-powered Othello game in Python using Pygame.
- Implemented classic game mechanics, including move detection and AI player with alpha-beta pruning.
- Designed a user-friendly interface with board layout and multiple difficulty levels.

TECHNICAL SKILLS

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|----------------------------------|---|
| • Python/ C++/ Java/ Java EE/ C# | • Object Oriented Programming (OOP) |
| • SQL Server | • HTML/ CSS/ JavaScript / Sass |
| • Spring Boot | • LINQ |
| • Design patterns/principles | • Linux |
| • .NET mvc | • Problem solving |
| • .Net web Api | • Test Automation using Junit/Selenium |
| • Identity | • CQRs pattern, MediatR and Auto mapper |
| • Adobe XD | • SignalR |
| • Data structures & Algorithms | • Docker |
| • Git and GitHub | • Photoshop |
| • Entity Framework Core | • React |
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CERTIFICATES AND COURSES

- ITI .NET Internship (07.2023 – 08.2023)
 - Foundational C# with Microsoft
 - RedHat System Administration 9.0 (RH124)
 - RedHat Application Development I: Programming in JavaEE
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SOFT SKILLS

- Teamwork
 - Time management
 - Dependability
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