# Hussein Mohamed Hussein

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## Objective

Aspiring software engineer and FCI student, passionate about creating impactful back-end solutions using ASP.NET and C#. Skilled in developing scalable applications and managing databases, with a growth mindset and strong problem-solving abilities to contribute to innovative technology and exceptional user experiences.

## Education

Bachelor's degree in information technology Egyptian E-Learning University, Asyut, Egypt Expected Graduation: 2026 Current Status: Third-Year Student

## Projects

- **Pharmacy Website**

    (HTML – CSS – JavaScript – SweetAlert Lib) User-friendly website with a simple, easy-to-use design showcasing pharmacy features. Includes a cart system utilizing local storage for enhanced functionality, along with login and registration with validation

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- **Chicken Ninja War**

    *A pathfinding-based action game using Python and Pygame*
    Developed an AI-driven 2D game where a ninja autonomously hunts chickens using the A* search algorithm for pathfinding. Implemented game mechanics including movement, collision detection, scoring, and timed challenges. Integrated sound effects, background music, and dynamic UI elements for an engaging experience. Optimized game performance with efficient grid-based navigation and real-time event handling.

## Skills/Miscellaneous

- Programming languages : C#, java , python ,css ,javaScript

- Framework and libraries : .NET Core, ASP.NET Core MVC, ASP.NET Web API, Entity Framework Core, LINQ, ASP.NET Core Identity.

- Databases : Microsoft SQL Server, In memory database(Redis)

- General : Object-Oriented programming, Data Structures, Algorithms, SOLID Principles, and Design Patterns.

- Tools and technologies : Git, GitHub, and Postman.

- Soft skills : Problem solving, team work, and time management.