

Ahmed Elsayed

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Education

Egyptian E-learning University

Bachelor of Computer Science

Cairo, Egypt

Oct. 2021 – Jun 2025

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Database Management
- Artificial Intelligence
- Software Methodology
- Internet Technology
- Systems Programming
- Computer Architecture

Projects

Django Discuss | Django, Python, PostgreSQL

Feb 2025

- Designed and implemented a full-featured discussion forum application that allows users to create threads, comment, and interact with content.
- Implemented comprehensive user authentication system with login, registration, and password reset functionality using Django's auth framework.
- Utilized PostgreSQL database to ensure efficient data querying and storage, supporting concurrent user interactions.

Books Website | ASP.NET Core, C#, Entity Framework, SQL

Jul 2024

- Built a responsive online bookstore with ASP.NET Core featuring user registration, authentication, and role-based access control.
- Designed and implemented database schema with Entity Framework, ensuring efficient data retrieval and modification.
- Created a user-friendly interface using Razor Pages and Bootstrap that adapts seamlessly across desktop and mobile devices.
- Enhanced application security through input validation, preventing common vulnerabilities like SQL injection.

Activity Tracker | Python, Flask, JSON, Win32 GUI Automation

May 2024 – Aug 2024

- Created a productivity tool that monitors and analyzes application usage patterns to help users improve time management.
- Developed an intuitive web dashboard with Flask that visualizes application usage statistics and trends.
- Implemented Win32 GUI Automation to accurately track active windows and browser tabs for comprehensive usage analytics.
- Designed an efficient data storage system using JSON for serialization, enabling persistent tracking across sessions.

Cafe Website | HTML, CSS, JavaScript, Bootstrap, PHP, MySQL

May 2022 – Aug 2022

- Created a full-stack cafe website with PHP and MySQL backend featuring user registration and authentication.
- Built responsive frontend interface using Bootstrap and JavaScript to ensure compatibility across devices.
- Implemented an admin dashboard that streamlines order management and inventory tracking functionality.
- Designed database schema to efficiently store and retrieve customer information, orders, and menu items.

Technical Skills

Languages: Python, Java, JavaScript, C, C++, PHP, SQL, Kotlin

Frameworks: Django, ASP.NET Core, Bootstrap, PyTorch

Developer Tools: Git, GitHub, VS Code, Visual Studio, Unix/Linux

Libraries: Pandas, NumPy, Matplotlib, Selenium, BeautifulSoup, SFML, STL