YOUSSEF SALEH ABDULASATTAR

Address: Faisal St., Giza, Egypt

Mobile Phone: +20 1226943824

Email: yussuf.slh1@gmail.com

GitHub: <https://github.com/yussuf-codes>

A self-taught .NET developer (ASP.NET Core), with a strong foundation in Linux environments, seeking a junior-level role where I can leverage my passion for crafting efficient and scalable solutions, and willingness to learn and contribute effectively to the development team.

Education:

* Bachelor’s degree in management information systems, faculty of commerce English section, Helwan University, 2021 - 2024.

Experience:

* A .NET intern (building ASP.NET Core RESTful APIs with ADO.NET), SOfCO LLC, Downtown, Cairo, July 2023 - September 2023.

Languages:

* Arabic (Native)
* English (B2)

Skills:

Linux:

* Have a strong grasp of command-line navigation & file management.
* Have worked with various package managers.
* Entry-level understanding of user and group management.
* Basics of Bash scripting.
* Setting up Linux virtual machines.

.NET:

* + Developing, building, running, and publishing .NET applications via the .NET CLI across various platforms.
  + Designing modular, maintainable, efficient, and reusable software architectures following SOLID principles using C#.
  + Familiarity with some .NET NugGet packages, such as AutoMapper, Entity Framework Core, MediatR, and Microsoft.Data.SqlClient.
  + Executing SQL queries and stored procedures using ADO.NET (Microsoft.Data.SqlClient).

ASP.NET Core:

* + Have a good understanding of the middleware pipeline.
  + Writing clean controllers.
  + Building custom middlewares and action filters.
  + Implementing generic repository pattern.
  + Managing services lifetime through the IoC container.
  + Basics of configuration and logging.
  + Understanding of routing and model binding.

Databases:

* Experience working with SQL and its various dialects.
* Working with various relational database management systems like SQL Server and MySQL on various platforms.
* Limited experience in MongoDB and mongosh.
* Exposure to version control using Git and GitHub for collaborative software development.
* Familiarity with Python libraries and frameworks such as Django, Pandas, and Selenium WebDriver.
* Have a strong grasp of linear data structures, including arrays, linked lists, queues, stacks, and their variations.
* Implementing commonly used algorithms, including binary search, merge sort, quick sort, and much more.
* Solid understanding of algorithmic complexity analysis (Big O notation) and its application in evaluating algorithm performance.
* Intermediate problem-solving skills.
* Solid understanding of object-oriented programming and SOLID principles.
* Drawing Simple UML class diagrams.
* Solid understanding of Singleton, Builder, and mediator design patterns.
* Basic knowledge of some system design concepts, including caching, horizontal vs. vertical Scaling, and load balancing.