YOUSSEF SALEH ABDULASATTAR

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A self-taught backend developer (ASP.NET Core), with a strong foundation in Linux environments, seeking a junior-level role or an internship 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:

.NET:

- Building and running .NET applications via the .NET CLI.
- Writing clean, efficient and reusable C# code following SOLID principles.
- Familiar with some .NET NuGet 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 unit of work and generic repository patterns.
- Managing services lifetime through the IoC container.
- Basics of configuration and logging.
- Understanding of routing and model binding.

Linux:

- Spinning up local & remote Linux virtual machines.
- Working with remote Linux virtual machines using SSH.
- 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.

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.

Python:

- o Managing virtual environments and PyPI packages.
- o Familiar with some Python libraries and frameworks including Django, Pandas, NumPy, & Selenium WebDriver.

- Skilled in Git and GitHub for version control and collaborative development.
- Basic knowledge of HTML, CSS, & JavaScript.
- Intermediate problem-solving skills.
- Implementing commonly used algorithms.
- Implementing linear data structures and their variations.
- Solid understanding of algorithmic complexity analysis (Big-O notation).
- Deep understanding of object-oriented programming and SOLID principles.
- Drawing UML class diagrams & Flowcharts.
- Solid understanding of Singleton, Builder, & Mediator design patterns.
- Basic knowledge of some system design concepts, including but not limited to caching, horizontal vs. vertical scaling, and load balancing.

Projects:

- Built a command-line-based Google images scraper to automate downloading high-quality large datasets for machine learning engineers, Built using Selenium WebDriver & urllib.request.

  https://github.com/yussuf-codes/google-images-scraper.git