Ahmed Hassanien

Software Engineer | Full Stack (.Net Core | React | Angular)

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SUMMARY

Skilled in Web applications development using ASP.NET Core & React & Angular.

Full stack Developer with several years' experience in web development, Frontend technologies and Backend technologies. I have a strong knowledge of building high performance web applications. In addition, I'm seeking a position that allows me to grow professionally, while being able to utilize my exceptional technical skills for the betterment of the organization with the best use of my dedication, determination and resourcefulness, looking forward to working with new industries using frontend, backend, cloud, CI/CD, agile, seeking knowledge and fun in exploring and learning computer science, especially web technologies and engineering disciplines while building an innovative career as a software engineer.

I believe that learning science in depth is much more important than learning and focusing on a specific technology/framework because one who has a solid understanding of science like data structure, algorithms, networks, OS, etc. can adapt to any new framework easily.

EXPERIENCE

Software Engineer
Mar 2025 – Present

Trianglz - Full-time

Responsibilities:

• Developing several features in NERA App for Atcos (Air Traffic Controls) using .NET Core and React.

Software Engineer
June 2023 – Jan 2025

FlairsTech

Responsibilities:

• Developing several features in NUSK App for Hajj and Umrah Trips.
• Migrating 100+ stored procedures from Oracle to a .NET application to improve usability and maintainability.
• Integrating systems with 3+ major ministries, and other external systems.
• Rebuilding & upgrading services to the latest technologies.
• Built a new service using .NET Core 7, and involved in WOQOD projects, a smart fueling systems applied in UAE & KSA.
• Operated and migrated with Vynamic.

Skills: Workflow Applications · API Development · React · ASP.NET Core · Agile Microservices · Clean Architecture · Hosted Services · Hangfire · RabbitMQ · React Hooks · MongoDB · Different Software Architectures · Azure DevOps. Next.

Software Engineer

ABAQ

Responsibilities:

• Developing several features for Educational Management System at KSA.
• Facilitated cross-team collaboration to coordinate development strategies and improve project outcomes.
• Developed and maintained software solutions and enhancing application functionality by analyzing user requirements and system data.
• Created and updated technical documentation covering development, testing, and changes to support team collaboration and knowledge sharing.

Skills: SQL · API Development · ASP.NET Core · React Js · Agile Microservices ·

ITI Teaching Assistant
Information Technology Institute, Alexandria Branch, Egypt · Part-time

Aug 2023 – Present

Responsibilities:

Guided as a teaching assistant in ITI Programs.
Assisted in teaching the following courses: - Programming - Database Systems - Frontend - Backend

EDUCATION

Professional Web Development & BI (ITI 9-Months) Trainee
Information Technology Institute (ITI) · Internship

Sep 2022 – June 2023

Learned and applied efficient projects on the following technology packages:
• Software Concepts package: C, C++, OOP, Data Structures, Algorithms
• Back-End package: C#, Entity framework ORM, ASP.NET Core MVC & Web API
• Database Package: SQL and T-SQL (SQL Server).
• Front-End package: HTML5, CSS3, bootstrap, JavaScript + ES6, React, Angular

Bachelor of Engineering in Computer Engineering
The Higher Institute of Engineering and Technology in Beheira -BHI Academy

Sep 2017– Jul 2022

• GPA: 3.335 | Grade: 85.6 %
• Graduation Project: Virtual Mirror and Pose Estimation Analysis using Image Processing & Deep learning.

    Grade: Excellent (Scrum master)

    Technologies: ASP.Net Core API | Machine Learning| IOT | Flutter | SQL | NoSQL | HTML5 | CSS3 | JS | Bootstrap

SKILLS

- Programming Languages:
  - Proficient: C#, JavaScript, SQL, HTML, CSS, JSON
  - Familiar: C, C++, Java, Python
- Frameworks & Technologies:
  - .NET Framework, ASP.NET Core, MVC, Web APIs, REST APIs
  - Angular, React, EF Core, LINQ (C#), RabbitMQ, Docker, Unit Testing
- Software & Tools:
  - Visual Studio, VS Code, Microsoft SQL Server
  - Git, GitHub, Microsoft Azure
- Concepts & Methodologies:
  - Object-Oriented Programming (OOP), SOLID Principles
  - Design Patterns, Data Structures, Algorithms, Networks
  - Software Development Life Cycle (SDLC), Agile Methodologies
- Soft Skills:
  - Leadership, Communication, Teamwork, Problem-Solving

PROJECTS

- **Ghabat and Her Sisters**

  Technologies Used: MVC, Serilog, Entity Framework (EF) 8, ASP.NET 8 Web API, SQL Server, JWT Bearer.

  Role: Developed APIs and a dashboard for the "Ghabat and Her Sisters" mobile app.

  Objective: Narrate the life and poetry of a renowned Arab poet.

  Responsibilities:
  - *Designed backend services for efficient data handling and user interaction.*
  - *Demonstrated expertise in .NET framework, API development, and user interface design.*

- **Schools Management System** - *Clean Architecture, Identity, Repository Pattern, DTOs, Automapper, Refresh Token, Cookies, Fluent Validation, xUnit, MVC, API, Serilog, EF 7, Fluent API, ASP.NET 7 Web API, SQL Server, Unit of Work, Email Services, Authentication, Authorization, Policy, JWT Bearer, Claim Based, External Login, Swagger, Insomnia, and Dockerize App.*

- **Egy Spare -** *ASP.Net Core API C#, EF 7, Fluent API, ASP.NET 7 Web API, Onion Architecture, SQL Server Repository pattern, Unit of Work, Automapper, DTOs, Fluent Validation, Email Services, Authentication, Authorization, Policy, JWT Bearer, Claim Based, External Login, Swagger, Insomnia, and Dockerize App.*

- **Ecommerce API -** *C# | SQL Server | EF Core | ASP.Net Core API | React*
- **Medico System -** *ASP.Net Core API | EF Core | Automapper | Authentication | Zoom | NoSQL | Paymob*
- **Book Store -** *C# | SQL Server | EF Core | ASP.Net Core API*
- **Examination Management System –** *C# | Windows Forms | SQL Server | SSIS | Report Builder*
- **Store Management App -** *C# | Windows Forms | SQL Server | EF Core*

ACCOMPLISHED COURSES

- IBM Data Science Professional Certificate - Coursera Sep 2021
- Digital Marketing and Media Foundations Certification - Google Aug 2020
- Egypt fwd Web Challenger - ITIDA May 2020

VOLUNTEERING

• Project Manager at IEEE.	*Mar 2021- May 2021.*
• Volunteer - Resala Charity Organization	جمعية رسالة للأعمال الخيرية.	*Jul 2020 - Sep 2020·*
• HR Committee Staff Member - Step Up Youth Initiative.	*Jul 2019 - Aug 2019.*
• Participant -TICE Metaverse hackathon.	*Sep 2018 - Sep 2019·*
• Member at the NAWAH for Entrepreneurship.	Aug *2016 - Aug 2017·*

Personal Information

- Date of Birth: September 29st, 1999.
- Military Service: Exempted.
- Marital Status: Single.
- Willing to relocate: Anywhere.

Languages

- Arabic – Native.
- English – Advanced.