[Mohamed alaraby]

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[Developer]

Mohamed Alaraby, a passionate .NET developer with extensive experience in developing desktop and web applications. With a strong background in programming fundamentals and problem-solving, I have participated in numerous hackathons. I am passionate about programming and enjoy creating innovative solutions to challenges. Let's connect.

[skills]

Frontend: HTML ,CSS ,SCSS ,Bootstrap ,Tailwind , JavaScript ,TypeScript ,React ,Angular

Backend: C# ,LINQ ,Entity Framework ,MVC , API ,Unite Testing ,SOLID , Design Pattern

Graphic Design: Figma , UIUX , XD ,

Programing Skills: OOP , Data Structure ,Algorithm ,Problem Solving ,Agil , Clean Code , Git Hup ,MOS , Docker

Programing Language: C ,C++ ,C# ,JAVA , Python ,Bash ,PHP ,JS , HTML ,CSS ,

Database : SQL Server ,My SQL , Database Design

Operating System : Windows(XP,7,8,10,11) ,Parrot ,Kali Linux , Ubuntu , Black arch

Network: CCNA , MCSA ,

Languages: Arabic(mother Language) ,English(B2)

Soft Skills : Communication ,Teamwork ,Problem-solving ,Time management ,Adaptability ,Leadership

Business Skills: Project management ,Marketing ,Sales ,Financial analysis

[Experience]

Thanks to my innovative vision and unique design, I was able to develop a revolutionary 3D printer project that secured second place in the ISF competition.   27/Jan/2024

I completed a half-year internship at New Horizons, focusing on developing full-stack web applications, including frontend development using angular and backend development using asp.net.   12/Apr/2024

I won first place for the best project award in the inter-university student project competition with my innovative eco-friendly 3D printer project. I successfully developed an efficient system for recycling plastic filament and converting it into new printing filament, contributing to environmental sustainability and reducing plastic waste.   22/Jan/2024

I secured first place in the university-wide research competition with my project on an eco-friendly 3D printer. Additionally, I qualified for the final stages of the GEN Z competition, highlighting the project's distinction at both local and regional levels.   28/Oct/2024

I participated in the Grand Egyptian Museum Hackathon in 2024, where I developed an innovative technological solution for [Photo Booth], contributing to an enhanced visitor experience.   21/Dec/2024

[Courses]

ITDETA : Python course focused on computer vision and image processing   [Diploma]   18/Sep/2023--29/Dec/2023

DEPI : Full Stack Web Development (ASP.NET, Angular) [Diploma]   15/Jan/2024--28/Oct/2024

ITI MaharatK: Front-end Development   [Diploma]   12/Aug/2024--29/Dec/2024

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[Project's]

Driven by my passion for developing technology to assist others, I designed and built an advanced smart cane for the visually impaired using an Arduino system. The cane is equipped with a suite of advanced sensors that enable it to detect obstacles and accurately determine distances. Artificial intelligence techniques were also integrated to develop an intelligent voice alert system that provides users with precise information about their surroundings. This project is a testament to my ability to apply technical knowledge to solve real-world problems and improve the lives of others.   25/Dec/2022

I developed a personal portfolio website using React to showcase my previous projects. The website was designed with an attractive user interface that included numerous animations to enhance the user experience. Through this project, I gained extensive experience in building reusable components and managing application states   19/Feb/2023

A comprehensive e-commerce store was developed using ASP.NET technology. The store provides a seamless shopping experience for users, allowing them to browse products, add items to their cart, and complete purchases securely. ASP.NET was used to build a dynamic and flexible user interface, as well as manage the database and backend operations.   14/Dec/2023

After seven consecutive months of dedicated work, I successfully developed a fully integrated 3D printer that rivals industry-leading companies. This ambitious project was a significant challenge, but the final result was well worth the effort. The printer is capable of producing precise and complex parts with high accuracy, making it a valuable tool for numerous applications.   5/Apr/2023

A comprehensive port management was built using the ASP.NET framework. The system aims to improve the efficiency of logistics operations and facilitate the management of containers and vessels. The system provides advanced features such as real-time container tracking, inventory management, and voyage planning. The use of ASP.NET contributed to the development of a flexible and scalable system.   26/Mar/2024

A digital games store was created using ASP.NET technology. The store offers a wide range of digital games, allowing users to browse, purchase, and download them easily. The store was designed with an attractive and user-friendly interface, thanks to the flexibility of ASP.NET in building interactive user interfaces.   9/Jul/2024

A comprehensive hotel management system was developed using the ASP.NET framework. The system aims to facilitate booking processes, room management, and staff management. The system provides features such as online booking systems, sales management, and guest tracking. The use of ASP.NET contributed to building a reliable and scalable system.   13/Dec/2024

Developed a comprehensive desktop application for a supermarket using Java Swing. The application provides a complete solution for inventory management, sales transactions, and invoice generation. The application was designed with a user-friendly interface to enable employees to manage daily operations efficiently.   20/Jan/2025

[Education]

"I began my educational journey at an English language school, then transitioned to a more specialized environment at a naval high school. Currently, I am studying at the Faculty of Information Technology at the University of Technology and expect to graduate in 2026."