

Abdelrahman rezk

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Software Engineer
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SUMMARY

Dedicated Software Engineer with a strong background in developing high-quality software solutions using ASP.NET Core. Proficient in algorithms, data structures, and Back-End development, with a proven ability to solve complex problems. Passionate about driving innovation and delivering impactful projects. Eager to leverage my expertise in building efficient and scalable systems.

EDUCATION & TRAINING

Faculty of Computers and Information technology , Assiut University
Computer Science , GPA: 3.5/4.00,

Sep 2019 — June 2023

ITI Assiut Training

EXPERIENCE

Working at K-Apps Company

Apr 2025 – Present

PROJECTS

Eduzone (Graduation project with A+ grade)[GitHub](#)

May 2023 — July 2023

- Developed a platform integrating social networking with educational systems, catering to students, teachers, and administrators.
- Managed version control and team collaboration using Git and GitHub.
- Designed and optimized the database structure for performance.
- Built a real-time interactive posts page (SignalR) with comments and likes functionality.
- Developed core models ensuring seamless functionality.
- Frontend: HTML, CSS, JavaScript, Bootstrap v6.3
- Backend: ASP.NET MVC, Entity Framework (Code First), SignalR

Shopping [GitHub](#)

Dec 2024 — Feb 2025

- Developed a web application using ASP.NET Core to enable users to browse and purchase anything online.
- Implemented core Shopping functionalities, including product listing, shopping cart, and order
- Integrated a free front-end template and customized it for a seamless user experience.

Merge Buzzel Block [LinkedIn](#)

Nov 2022 — Dec 2022

- Developed an educational game using Unity and C to help children improve their math skills.
- The game teaches kids how to combine blocks with the same numbers in a fun and interactive way.
- It features a simple and appealing design that keeps children engaged.
- The game provides an enjoyable and beneficial learning experience for kids.

VOLUNTEERING

ICPC Assiut University Community

Mar 2020 — Sep 2023

head of training & mentor

- The main goal of this community is to enhance the problem-solving and programming skills of all students interested in participating in programming competitions or anyone looking to improve their algorithmic skills.
- We solve challenging problems in contests to help students improve their abilities.
- We also assist students in learning how to think critically and analyze problems effectively.

SKILLS

- Languages:** C++, C#, Python, Java.
- API Tools:** Swagger, Postman.
- Concepts:** OOP, Data Structures and Algorithms, Problem Solving, SOLID Principles.
- Design Patterns:** Dependency Injection, Repository Pattern.
- Frameworks:** ASP.NET Core, .NET Framework, Entity Framework Core.
- Authentication & Authorization:** ASP.NET Identity.
- Databases:** MySQL, Microsoft SQL Server.

- **Version Control:** Git & GitHub.
- **Front-End:** Aware of HTML, CSS, JS, jQuery, Bootstrap.

AWARDS & HONOR

- Qualified for the Egypt Collegiate Programming Contest (2022).
- Ranked 10th place in the Upper Egypt Collegiate Programming Contest (2022).
- Ranked 14th place in the Upper Egypt Collegiate Programming Contest (2021).
- Solved over 1600 problems on various online judges [codeforces](#)

LANGUAGES

- Arabic : Native.
- English : Limited working proficiency.