ABDELRAHMAN AHMED

Software Engineer

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Summary

Driven and enthusiastic software developer with a solid foundation in front-end development and programming. Proficient in C++, C#, C, Python, HTML, CSS, SQL, and familiar with the basics of Django. Eager to embrace new challenges and continuously expand technical skills through hands-on experience. Focused on delivering efficient, real-world solutions while maintaining a strong commitment to quality, growth, and improvement.

Education

Misr University for Science and Technology
Egypt

• Bachelor's degree in computer science

09/2022 - 06/2026

• Department: Computer Science (GPA: 3.68)

Experience

Afrexim Bank
Cairo, Egypt

IT Support Intern

04/2023 - 08/2023

Afrexim Bank provides banking services focused on trade finance.
• Resolved 50+ hardware/software issues monthly, reducing downtime by 20%.
• Helped maintain IT inventory for over 200 devices, optimizing asset tracking.
• Streamlined onboarding for 15+ new employees, ensuring system readiness within 24 hours.

Projects

Student Management System
GitHub

A student management system that manages student data and GPA calculations

• Designed and built a C-based student management tool handling 100+ student records.

• Implemented GPA calculator with 95% accuracy compared to manual results.

• Enhanced performance by 30% using optimized memory structures.

Compiler Project
GitHub

A compiler project to understand the basic workings of a compiler.

• Developed a lexical analyzer parsing 1,000+ lines of C-Minus code with 98% accuracy.

• Built symbol table generator reducing error rates by 40% during syntax analysis testing.

• Simulated core compiler phases aiding team's understanding for 5+ peers in class.

Image Encryption and Decryption
GitHub

Application for encrypting and decrypting images securely.

• Built Python encryption app reducing unauthorized image access risk by 90%.

• Implemented AES/XOR algorithms achieving 100% data recoverability in test cases.

• Secured image files up to 5MB with less than 3 seconds encryption time.

Skills

Technical Skills:

•C •C++ •C# •CSS •HTML •Basics of Django •Git •GitHub •Microsoft Office •Python •SQL •Visual Studio Code •Access •SQL Management Server

Soft Skills:

•Problem-Solving •Communication •Teamwork •Adaptability •Attention to Detail •Time Management

Languages

Arabic Native proficiency   **English** B2 – Upper Intermediate   **German** A2 – Elementary