AHMED ABD ELAZIZ FAHMY

SOFTWARE ENGINEER

✉ CONTACTS

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📍 Kafr Elsheikh, Egypt

👤 EXPERIENCE

University and Student Activites
Software Engineer

Kafr Elsheikh, Egypt   10/2022 - Present
Experience working on various software projects with a focus on AI and web development.

- Designed, developed and supervised the development of projects including the IEEE website and faculty management system.
- Taught computer vision concepts and projects in IEEE and MSP as instructor in more than 12 session per once.
- Created and shared teaching materials on GitHub and Youtube more than eight videos.
- Competed in the Egyptian Collegiate Programming Contest (ECPC) twice.
- Strong knowledge of algorithms and problem-solving techniques and solve more than 250 problem in code forces.

IEEE KSB & MSP Program
Volunteer Experience

Kafr Elsheikh, Egypt   01/2023 - Present
Volunteering experience leading computer vision initiatives.

- General Secretary and Computer Vision Lead at IEEE KSB.
- Computer Vision Lead at MSP Program 12 session.
- Coach at Level 2 for ACPC KFS Club.

👤 SUMMARY

I am an innovative and detail-oriented Software Engineer with a solid foundation in back-end development, artificial intelligence, and computer vision. Proficient in a range of programming languages and frameworks, I build scalable web and mobile applications while actively engaging in competitive programming and mentoring. My passion lies in leveraging cutting-edge technologies to drive impactful solutions.

🎓 EDUCATION

Kafr Elsheikh University
Bachelor of Science in Computer Science

Kafr Elsheikh, Egypt
09/2022 - 06/2026

Ebshan Secondary School for boys
General Secondary Certificate

Kafr Elsheikh, Egypt
09/2018 - 06/2021

📄 PROJECTS

Software Projects
10/2022 - Present

Kafr Elsheikh, Egypt
Improved diverse software projects utilizing a wide range of programming languages and technologies.

- Coding a College Management System using Python, Tkinter, and MySQL for tutorials.
- Built a Faculty Management System for attendance tracking using Python and OpenCV.
- Generated an AI model to recognize ASL gestures.
- Established a Face Recognition System for secure authentication.
- Designed a computer vision-based virtual keyboard.
- Built a simple e-commerce website for a college project.
- Built a Faculty Management System website with .NET Core and various technologies for a complete learning cycle.
- Coding an API for Teacher Software and deployed it on Azure.
- Developed a portfolio website for Marble Worker with MVC.
- Worked on transportation software backend API with my team.
- Supervised the development of the IEEE-KSB website.

👐 STRENGTHS

- **Teamwork and Communication**
  Strong collaborative skills with effective communication abilities.

- **Problem-Solving**
  Exceptional problem-solving skills.

- **Public Speaking**
  Strong public speaking and presentation skills.

- **Time Management**
  Excellent time management demonstrated by conducting multiple roles and responsibilities.

🚀 SKILLS

Problem-solving · C++ ·
algorithm design · Algorithms ·
Data Structures · Artificial Intelligence ·
Machine Learning · Python · streamlit ·
tkinter · Firebase · OpenCV ·
Computer Vision · Front-end · HTML ·
CSS · Javascript · bootstrap · JQuery ·
Ajax · Back-end · Entity Framework ·
Design Pattern · .NET Core ·
Software analysis · C# · OOP · MVC · Api ·
LINQ · Azure · my sql · SQL · SQL Server ·
Flutter · Github · IEEE · Dart

❤️ PASSIONS

● **YouTube Channel**
Creating educational content to
help others learn programming
and software development.

🔖 FIND ME ONLINE

● **GitHub**
Ahmedfahmy8308

● **LinkedIn**
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