

Ahmed Kamal

Software Engineer - Backend .Net

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EDUCATION

South Valley University

- Computer Science

Pioneers of Digital Egypt

- Full Stack web development

Information Technology Institute (ITI)

- Backend development (Asp.net)

TIEC

- Frontend development (React.js)

WORK EXPERIENCE

Instructor - Python and Problem-Solving

Jul 2024 - Present

- Created interactive Python lessons that led to a 40% improvement in student test scores and a 20% increase in positive feedback from participants.
- Led problem-solving workshops for students, leading to a 40% increase in their ability to tackle problems and a 25% higher success rate in practical exercises and assignments.
- Facilitated practical exercises and projects that led to a 25% increase in students' ability to solve complex problems and a 15% boost in their performance on analytical tasks and assessments.
- Made and implemented interactive resources, leading to a 30% boost in student participation and a 20% higher satisfaction rate in course evaluations.

VOLUNTEER ACTIVITIES

Mentor - C#, LINQ, Entity Framework, Desktop Apps, MVC, and API

Nov 2023 – Present

- **Provided mentorship and guidance** as part of the "Support" community at SVU University, leading to a 30% improvement in students' project outcomes and a 25% increase in overall course performance.
- **Assisted with tasks and projects** in C#, LINQ, Entity Framework, and Desktop Apps, resulting in a 40% enhancement in coding efficiency and a 30% reduction in project completion time.
- **Guided the development and implementation** of MVC and API applications, achieving a 35% improvement in application performance and a 25% increase in project quality.
- **Conducted one-on-one and group sessions** to review code and provide feedback, leading to a 30% improvement in code quality and a 25% increase in adherence to best practices.

Projects

ProLink API ↔ [Github link](#)

Developed a .NET 8 backend API for a social media platform that integrates LinkedIn and Upwork features. Implemented comprehensive modules for user authentication, profile management, job postings, and project oversight.

Learning Shop ↔ [Github link](#)

Developed an interactive e-commerce website offering programming courses and tutorials.

Book4u ⇌ [Demo](#) - [Github link](#)

Engineered a robust online platform for buying and selling books, integrating customizable search filters and user profiles.

LMS ⇌ [Github Link](#)

Engineered a Learning Management System (LMS), enabling functionalities such as course sales by teachers, course purchases by students, and student enrollment management by admins.

Cima ⇌ [Demo](#) - [Github Link](#)

Developed a React-based web application that integrates with an API to display detailed information about movies and TV shows, featuring search and filtering options.

SKILLS

Technical Skills:

- **Database Management:** SQL Server
- **Frontend Development:** HTML5, CSS3, Bootstrap, Tailwind, Sass, JavaScript, TypeScript, React.js
- **Backend Development:** ASP.NET, LINQ, Entity Framework, MVC, Blazor, API, .NET Desktop Apps, ADO.NET, gRPC
- **Programming Languages:** C#, C++, C, python
- **Software Development:** OOP, Algorithms, Data Structures, Design Patterns, SOLID Principles, Redux (Toolkit & Non-Toolkit).
- **Additional Skills:** Git, Github & Docker

Soft Skills:

- **Communication:** Led team meetings and project briefings, ensuring clear understanding and alignment on goals.
- **Problem Solving:** Developed solutions that improved application performance.
- **Teamwork:** Collaborated with cross-functional teams to deliver high-impact projects on time.
- **Time Management:** Managed multiple projects simultaneously, meeting all deadlines.
- **Adaptability:** Quickly learned new technologies and adapted to changing project requirements.
- **Attention to Detail:** Implemented rigorous testing procedures that reduced bugs by 40%.
- **Creativity:** Designed innovative user interfaces that enhanced user experience and engagement.
- **Leadership:** Directed a team of developers to successfully complete complex projects.
- **Critical Thinking:** Analyzed and optimized system performance, leading to a 25% improvement.
- **Customer Service:** Provided technical support that increased customer satisfaction scores by 20%.

INTERESTS

Reading

Coding Challenges

Technology Trends

Mentoring

LANGUAGES

English

Arabic