

Ahmed Kamal

Cairo, Egypt

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SUMMARY

Full-Stack Software Engineer with 2+ years of experience in **.NET, Node.js, React, and SQL/MongoDB**. Skilled in designing and delivering **scalable, reliable, and user-centric applications**. Strong background in **backend engineering and cross-functional collaboration**. Experienced mentor for **50+ students**, fostering growth in software development and best practices. Proven ability to **lead projects** and deliver impactful solutions in both academic and professional settings.

EDUCATION

South Valley University

Bachelor of Computer Science and Information Technology

Sep 2021 – Jun 2025

Qena, Egypt

TECHNICAL SKILLS

Programming Languages: C#, JavaScript, TypeScript, Python, C++, HTML5, CSS3.

Frontend: React.js, Redux Toolkit, Tailwind CSS, Bootstrap.

Backend: ASP.NET Core, Node.js, Express.js, RESTful APIs, Authentication, Server-side Development.

Databases: SQL Server, MongoDB, MySQL; Database Design, Query Optimization.

Tools: Git, GitHub, VS Code, Visual Studio, Postman, Chrome DevTools, Figma.

Cloud & Deployment: Docker, Vercel, Netlify, Performance Optimization.

Methodologies: Agile, Code Review, Team Leadership.

PROFESSIONAL EXPERIENCE

Dandara Al-Ebdaa

Software Engineer

Jan 2024 – Present

Qena, Egypt

- Developed and maintained multiple scalable web applications using .NET, Node.js, React, and MongoDB/MySQL, serving 100+ active users.
- Built and optimized backend services and RESTful APIs, improving performance and reliability across platforms.
- Collaborated with cross-functional teams to deliver features and ensure seamless integration between frontend and backend.

Arab African Center

.NET, OOP, and SQL Instructor

Mar 2025 – May 2025

Qena, Egypt

- Delivered structured training sessions on .NET, OOP, and SQL, leading to a 35% improvement in student coding proficiency.
- Guided students through hands-on projects, improving their coding proficiency and practical skills in software development.

Cairo Code

Python and Problem-Solving Instructor

Jul 2024 – Sep 2024

- Boosted test scores by 40% and improved student satisfaction by 20%.
- Conducted problem-solving workshops, raising success rates in exercises by 25%.
- Facilitated projects and analytical tasks, enhancing problem-solving capabilities by 25% and improving assessment performance by 15%.
- Developed interactive resources, raising student participation by 30% and satisfaction scores by 20%.

KEY PROJECTS

Tradof – Translation Project Management Platform | React.js, Node.js, .NET, Flutter

- Backend Developer in an 8-member team; built a translation platform with real-time communication and integrated payment system.
- Launched platform serving 100+ beta users, enabling smooth collaboration between translators and clients.

University Exam Control Management System | React.js, .NET, SQL Server

- Developed backend logic and SQL Server integration for an exam system at South Valley University, serving 10,000+ students.
- Automated exam scheduling and reporting, reducing administrative workload by 65%.
- Collaborated with frontend developers to deliver APIs and seamless reporting features.

ChatFlow – Real-Time Chat Application | *React.js, Node.js, Express.js, Socket.IO, MongoDB*

- Built a secure chat platform with JWT authentication, bcrypt password hashing, and protected API endpoints.
- Implemented private/group chats, typing indicators, online status, and real-time notifications with WebSockets.
- Added media support (images via Cloudinary, voice messages), plus friend requests and group management.
- Designed responsive UI with React + Tailwind CSS/DaisyUI, supporting Dark/Light themes and searchable chat history.

Book4U – Bookstore MVC Application | *C#, ASP.NET Core MVC, Entity Framework, SQL Server, Bootstrap*

- Developed a bookstore app with user/admin roles, supporting browsing, search, cart, and order placement.
- Built an admin dashboard with CRUD features for managing books, genres, stock, and orders.
- Designed a responsive interface with Bootstrap 5 for seamless user experience.

Skynet – E-Commerce Backend Platform | *ASP.NET Core, Entity Framework, SQL Server, Redis, Docker*

- Designed a clean-architecture backend with separated API, Core, and Infrastructure layers.
- Implemented catalog search/filtering, Stripe-powered payments, and RESTful APIs for scalability.
- Integrated Redis for shopping cart functionality and Docker for containerized deployment.
- Streamlined environment setup via Docker Compose for consistent dev/prod deployments.

LEADERSHIP & MENTORING EXPERIENCE

Technical Mentor & Instructor – South Valley University

- **Mentor – C#, LINQ, Entity Framework, Desktop Apps, MVC, and API** – Provided mentorship as part of the "Support" community, improving students' project outcomes by 40% and overall course performance by 35%.
- Assisted students with tasks and projects in C#, LINQ, and EF, boosting coding efficiency by 40% and reducing project completion time by 30%.
- Guided MVC and API application development, enhancing application performance by 35% and project quality by 25%.
- Conducted one-on-one and group code reviews, improving code quality by 30% and adherence to best practices by 25%.

ACHIEVEMENTS & RECOGNITION

- Led graduation and training projects with teams of 7–8 members, delivering a social media platform and other full-stack solutions, demonstrating leadership and project management skills.
- Mentored 50+ students in software development with a 90%+ completion rate across various technical domains.