Loay Alkashif

Software Engineer

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Banha, willing to relocate | github.com/LoayAlkashif

Profile

Backend Developer skilled in .NET technologies, adept at crafting scalable server-side applications with C# and .NET Core and designing RESTful APIs and efficient database integrations using SQL Server. Extensive experience in NoSQL databases and cross-platform solutions with Node.js, Express.js, enhancing backend flexibility. Passionate about Robotic Process Automation (RPA), focused on building automation solutions to optimize business processes. Seeking to leverage comprehensive backend expertise and automation insights to make valuable contributions as a .NET Engineer.

Work Experience

vNex Telecom   **Jun 2023 - Feb 2024**

Technical VoIP Support   *Cairo, Egypt*

Education

Zagazig University   **Oct 2017 - Jul 2021**

Bachelor's Degree, Computer and Informatics

Information Technology Institute (ITI) - Intensive Code Camp (ICC)   **Dec 2024 - Jul 2025**

Full Stack Web Development Using .NET   *Banha, Egypt*

Route Academy   **Apr 2024 - Sep 2024**

Diploma, Backend Web Development (Node.js)

Projects

Smart Task Management System

ITI (Information Technology Institute)

- Created a base permission system with role-based access control to secure and manage user privileges across modules.
- Enhanced a real-world task management platform to streamline team collaboration and resource planning across multi-level organizations (branches, departments, projects, and tasks).
- Implemented dynamic Kanban boards with drag-and-drop functionality to manage tasks efficiently.
- Integrated real-time meeting scheduling and calendar management with Microsoft Outlook synchronization.
- Added an Audit Log feature to track critical system actions and ensure traceability of all user activities.

Store App – API | Demo

- Developed a robust e-commerce RESTful API that allows users to browse products, add them to a basket, place orders, and complete payments securely via Stripe.
- Planned using the Onion Architecture for clean separation of concerns and scalability.
- Using full CRUD operations, business logic layer, and secure payment processing with Stripe integration.
- Used EF Core with LINQ for efficient data access and relational management.

School-Management – MVC Application | Demo

- Designed and improved a web-based application to efficiently manage the relationships between instructors, courses, students, and departments.
- Performed full CRUD operations for each entity with proper relational integrity, enabling seamless data interaction and association.

Home4Pets – Desktop Application | Demo

- Engineered a Windows Forms desktop application for pet adoption with role-based access control, distinguishing pet owners (listing pets) from adopters (submitting requests).
- Streamlined SQL Server operations via EF Core to track adoption requests, categorize pets, and log user activities.

Muzuf – MVC Application | Demo

- Built a Node.js and Express.js MVC platform connecting developers with employers, enabling job postings, candidate filtering by programming languages/city/experience, and application management (accept/reject).
- Enforced real-time search using Socket.IO and dynamic UI rendering with EJS and Bootstrap.

Technical Skills

- **Programming Languages**: C#, JavaScript, TypeScript
- **Backend**: ASP.NET MVC, ASP.NET Web APIs, Entity Framework, LINQ, Node.js, Express.js, REST APIs, Mongoose
- **Frontend**: HTML, CSS, Angular, Bootstrap
- **Databases**: SQL Server, PostgreSQL, MySQL, MongoDB
- **Other**: OOP, Data Structures, Algorithms, Design Patterns, SOLID Principles, Git and GitHub, Docker
- **Automation Tools & Technologies**: UiPath (Studio, Orchestrator, UI Automation, Data Scraping), RPA Concepts, Workflow Design, Object Repository

Interpersonal Skills

- Continuously expand my knowledge by exploring new technologies and best practices independently.
- Maintain efficiency and focus while delivering high-quality results under tight deadlines.
- Communicate openly, confidently, and effectively.
- Analyze complex issues, identify root causes, and implement effective solutions.
- Prioritize tasks effectively to meet deadlines and optimize productivity.

Certifications

- Automation Developer Associate - UiPath Academy
- Git and GitHub – Almdrasa
- DevOps - Manara

Languages

- Arabic (Native)
- English (B2 – Intermediate)