

Ali Al Mostafa | Software Engineer

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Summary:

Software Engineer with experience in .NET Core, ASP.NET Web API, and Angular, and a strong background in desktop application development using .NET Framework and WinForms. Experienced in building scalable APIs, integrating backend services, and working within Git-based, collaborative development environments.

Technical Skills:

- **Programming Languages:** C++, Java, C#, TypeScript
- **Frameworks & Libraries:** .NET Framework, .NET Core, ASP.NET Web API, Angular
- **Libraries & Packages:**
 - **.NET:** ADO.NET, Entity Framework Core, MongoDB.Driver, Mediator, MassTransit, AutoMapper, LINQ, WinForms
 - **Angular:** PrimeNG, Bootstrap, RxJS
- **Databases:** SQL Server, MySQL, MongoDB
- **Design Principles & Architecture:** OOP, SOLID Principles, Design Patterns, Clean Architecture, CQRS, Microservices
- **Tools & Technologies:** Git, GitHub, Docker, RabbitMQ, Swagger, Postman, Visual Studio, VS Code
- **Languages:** Arabic(Native); English(Fluent)

Professional Experience:

Software Engineer, BSynchro (Hybrid)

Outsourcing:

Dec 2025 – Feb 2026

- Worked on production backend services for PDF printout generation.
- Developed dynamic printout templates using HTML, CSS, and C#, and implemented backend logic to map database models into printout payloads.
- Integrated APIs with a PDF generation service, returning finalized documents through secured endpoints.
- Collaborated using Git (feature branches, pull requests, merge conflict resolution) and managed tasks via Azure DevOps.

Intern:

Jul 2025 – Nov 2025

- Practiced building full-stack features using .NET Core and Angular.
- Gained hands-on experience with Docker and Kubernetes for containerization and orchestration.
- Applied microservices architecture concepts using RabbitMQ, MongoDB, and CQRS within Clean Architecture through guided tasks.

Full-Stack Desktop Developer (Freelance, Part-Time), Devzur (Hybrid)

Sep 2024 – Jan 2025

- Developed desktop apps using .NET Framework and WinForms for client systems including POS and clinic management.
- Implemented multi-tier architecture to promote modularity and clean separation of concerns.
- Collaborated with team using Git and GitHub for version control and codebase management.

Backend Developer Intern, Softwave Lb (Remotely)

Jul 2024 – Sep 2024

- Created and maintained RESTful APIs using ASP.NET Web API.
- Used Entity Framework Core and LINQ for efficient database operations and data retrieval.
- Gained practical experience with SQL Server for backend data storage and management.

Projects:

PIKMI – Community Based Ride Sharing Application (Senior Graduation Project)

[GitHub - Pikmi Backend](#)

A full ride-sharing system inspired by Uber, consisting of a mobile application and an admin dashboard, and built around a virtual coin system to encourage community-driven ride sharing.

- Led the overall system design and technical direction of the project within a three-member team, defining role definitions, permissions, and application structure.
- Developed a scalable backend API using ASP.NET Core Web API.
- Structured the backend using a layered architecture, separating controllers, services, and repositories.
- Implemented secure authentication and authorization using ASP.NET Identity and JWT, including email confirmation, password reset, refresh tokens, and role-based access.
- Designed and implemented RESTful APIs for ride posting, booking, coin transactions, ratings, and user management.
- Built a coin-based incentive system allowing users to earn, transfer, and spend virtual coins.
- Collaborated with frontend devs (React Native & React) to define API contracts and ensure smooth integration.

eCommerce Backend System

[GitHub - eCommerce Backend](#)

- Built a full-featured eCommerce backend using ASP.NET Web API, EF Core, and SQL Server with layered architecture.
- Developed repositories, services, and controllers for products, categories, cart, payments, and authentication modules.
- Integrated logging, exception handling, model validation, and Identity authentication.

Backend School Management System

[GitHub - School Management Backend](#)

- Developed the backend of a school management system using ASP.NET Core, Entity Framework Core, SQL Server, and LINQ.
- Designed RESTful APIs to manage students, teachers, classes, courses, enrollments, and users.
- Implemented querying, filtering, sorting, and pagination across endpoints.
- Delivered complete CRUD functionality for effective data management.

Nurse/Health Care Management System

[GitHub - Health Care App](#)

- Developed a desktop app using C#, WinForms, SQL Server, and ADO.NET to manage patients, staff, services, billing, and user roles.
- Implemented role-based access, CRUD operations, financial tracking, and dynamic invoice printing within a three-tier architecture.

Education:

- **Lebanese International University**
BS in Computer Science (GPA: 3.73)

2022 - 2026