ALBARA MUSTAFA
Team Leader / Senior Software Engineer

ageelbaraa@gmail.com

Results-driven **Team Leader and Senior Software Engineer** with over **5 years** of experience architecting and delivering scalable **e-commerce** platforms and modular **ERP** systems. Expert in the **.NET** ecosystem and **Flutter** for cross-platform development. Proven leader in guiding cross-functional teams, driving technical strategy, and fostering a culture of high-quality code and continuous improvement. I am passionate about tackling complex challenges and building software that makes a tangible difference.

PROFESSIONAL EXPERIENCE

ISSGate
Team Leader / Senior Software Engineer
Jun 2023 - Present

- Led the development of multi-tenant e-commerce platform using ASP.NET Core and Entity Framework for dynamic store creation.
- Directed front-end team for building responsive, customizable storefronts with dynamic themes.
- Managed API gateways for routing client requests and improving service integrations across microservices architecture.
- Facilitated collaboration between cross-functional teams, ensuring alignment between back-end services, UI/UX design, and quality assurance.
- Managed the integration of RESTful APIs for key e-commerce features like product management, order handling, and payment processing.
- Introduced and implemented **Factory**, **Observer**, and **Decorator** design patterns for improved code structure and reusability.

Senior Software Engineer
Oct 2022 - Oct 2023

- Designed and implemented Real-Time Inventory Tracking system, ensuring accurate stock levels and preventing overselling.
- Developed and integrated Automated Picking and Packing workflow, streamlining fulfillment and reducing manual errors.
- Led the creation of a Mobile-Friendly Interface, leveraging expertise in ASP.NET Core for web and API development, and Flutter for mobile apps, to provide a seamless experience across platforms and customer experience.
- Architected a User-Friendly Dashboard and Reporting solution, improving store owners' ability to track sales and key performance metrics.

- Built a Customer Portal with Self-Service Options, enabling customers to easily track orders, manage returns, and access account information.
- Refactored core services using Domain-Driven Design (**DDD**) to manage complexity, improve repository, and service patterns.
- Led proof of concept (POC) and investigations for integrating API Gateways into microservice architecture, enhancing service interoperability and security.

Software Engineer
Oct 2021 - Oct 2022

- Worked within a collaborative, cross-functional team consisting of developers, UI/UX designers, QA engineers, and business analysts to build and deliver a Warehouse management system.
- Integrated with third-party services, including workflow management systems, to ensure seamless communication and data exchange between systems.
- Provided technical leadership and mentorship to junior developers, conducting code reviews and promoting best practices to enhance team skills and maintain high-quality code.

SDK Jordan
Junior Software Engineer
Sept 2019 – Oct 2021

- Collaborated with the development team to architect and build small ERP Core and HR module from the ground up, utilizing DDD and Clean Architecture principles with .NET Core and Flutter frameworks.
- Developed RESTful APIs to enable smooth data exchange and ensure system interoperability.
- Utilized advanced Flutter features like state management, custom widgets, animations, provider pattern, and form validations to optimize app performance and enhance user experience.
- Implemented background job services in .NET Core to automate asynchronous tasks and improve system efficiency.

PROJECTS

E-Bazaar Platform
Oct 2024

- A multi-tenant e-commerce and logistics platform with real-time notifications and AI-powered tools.
- .NET Core - Flutter – MQTT

EIS Warehouse Management
Jan 2024

- A robust backend system managing the complete order lifecycle from inventory sync to shipment coordination.
- WMS – Logistics - .NET Core

ECG Smart App
Jan 2025

- A Flutter-based mobile health app for real-time ECG monitoring using BLE connectivity.
- Flutter – Mobile Health – BLE – Hardware integration

Sundouq Logistics
Apr 2024

- Designed and built the Sundouq Logistics app using Flutter for logistics operations.
- Integrated the app with Zebra devices for barcode scanning and server-side processing.
- Developed features for real-time order visibility, customer relationship management, and return cycle management.
- Implemented tools for warehouse pickers to streamline picking procedures and handle product quantities.
- The app is published on Google Play Store for ISSGate.

Ride Traxx
Jun 2021

- Developed Ride Traxx, an Android Kotlin mobile application.
- Integrated map tracing services using LoRa technology and BLE with PHP API.
- Implemented an offline navigation system using Mapbox SDK.
- The app is available on Google Play Store.

Tabjeel
Software Developer
Aug 2020

- Designed and developed Tabjeel, an Android Java e-commerce application.
- Provided services to offer discounts to teachers and students.
- Developed an admin dashboard for efficient management.
- Published the app on Google Play Store for the School Safety Center institution.

EDUCATION

Yarmouk University
Bachelor's Degree in Computer Engineering
2014 - 2020

- **Courses**: Object-Oriented Programming, Data Structures & Algorithms, Relational Databases, CCNA, ASP .NET, Machine Learning, Flutter, Android.
- **Graduation Project**: Developed a native Android app (Java) for students in IRID city, providing static bus route information from the Jordanian Ministry of Transport. The app uses algorithms to guide users to the best bus route and provides fare details.

TECHNICAL SKILLS

- **Languages: C#, Dart, Java, Python**
- **Frameworks**: .NET Core, ASP.NET MVC, Flutter, Razor Pages
- **Backend Libraries**: EF Core, Dapper, Mapster, SignalR, JWT, MediatR.
- **Frontend Libraries**: Bootstrap, Tailwind CSS.
- **Databases**: PostgreSQL, MS SQL, NoSQL (MongoDB).
- **Architecture & Design Patterns**:
  - SOLID
  - Clean Architecture, Domain-Driven Design (DDD), Microservices
  - CQRS (Command Query Responsibility Segregation)
  - Event Sourcing
  - Dependency Injection (DI)
  - Repository Pattern, Unit of Work Pattern
  - Design Patterns (extensive experience):
    - **Creational**: Singleton, Factory Method, Abstract Factory, Builder, Prototype
    - **Structural**: Adapter, Decorator, Facade, Bridge
    - **Behavioral**: Strategy, Observer, Mediator, Chain of Responsibility, Template Method, State, Visitor, Iterator
- **Dev Tools & Other:** Git, GitHub, Docker, DevExpress, Android Studio, Visual Studio, VS Code, NuGet.
- **API Technologies**: RESTful APIs, API Gateway Integration, Swagger/OpenAPI Documentation
- **Other Tools:** SignalR (real-time communication), Dapper (micro ORM), Mapster (object mapping), MediatR (CQRS and Mediator implementation)

Reporting Tools: DevExpress.

LANGUAGES

- **Arabic**: Native
- **Turkish**: Native/Fluent
- **English**: Fluent