

# Ali Shoumar

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## SKILLS

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**Languages :** Java, C#, TypeScript, HTML, CSS, SQL (MSSQL, MySQL)

**Frameworks & tools:** Github, DotNet Core, EF Core, Identity, LINQ, Angular, Docker, Linux, SpringBoot

## PROJECTS

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### Linkly | GitHub Repository

- Developed a Web API using ASP.NET 8 and SQL Server following Clean Architecture and CQRS with MediatR
- Implemented the Repository Pattern and Unit of Work for data consistency and testability
- Developed JWT auth with refresh tokens, email OTP 2FA, user verification, and secure OTP resend tokens
- Designed background services to handle queued email delivery and automated cleanup of expired or used OTPs
- Created custom exceptions and implemented a centralized middleware for global error handling and API responses

### Leave Management System | GitHub Repository

- Built a full stack MVC web application using ASP.NET 8 and SQL Server following a layered architecture
- Implemented role based access control with Admin, Supervisor, and Employee roles for leave request management and approval workflows
- Automated leave request assignment upon user registration based on predefined periods, streamlining leave tracking

### Banking Microservices | GitHub Repository

- Modernized legacy banking with Spring Boot microservices, eliminating monolithic scaling
- Centralized configs via Spring Cloud Config, containerized with Jib/Docker, orchestrated via Docker Compose, and secured through Keycloak authenticated Spring Cloud Gateway.
- Improved resilience and observability using Eureka, Resilience4j, Prometheus, Micrometer, Loki, and Grafana

### Personal Portfolio | GitHub Repository | Demo

- Developed a dynamic personal portfolio using Angular with maintainable SCSS according to the BEM methodology
- Developed an HTTP interceptor to mock backend responses, supporting configurable delays, errors, and persistence
- Implemented CI/CD pipeline using GitHub Actions to automate containerization, image publishing to Docker Hub

## EXPERIENCE

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### FOO SAL

Jun. 2024 - Sep. 2024

*Software Developer Intern (Android/Java)*

Sin El Fil, Lebanon

- Developed an Android application following the clean MVVM architecture, consuming third-party REST APIs
- Conducted research on Spring's Aspect Oriented Programming (AOP) for Android implementation and its potential
- Learned and applied unit testing fundamentals, including test doubles, Mockito, and JUnit
- Created custom, reusable views for an in-house framework

## EDUCATION

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### Lebanese University

Sep. 2025 - Present

*Master 1 in Management Information Systems*

Beirut, Lebanon

### Al Maaref University

Sep. 2021 - Feb. 2025

*Bachelor of Science in Computer Science*

Beirut, Lebanon