

Ala Raies

Senior .NET Developer

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Summary

Senior .NET Developer with over 5 years of experience in the financial sector. Specialized in **microservices** and **scalable architectures**, I design robust and high-performance solutions. Passionate about **innovation** and **AI**, I combine technical expertise and agile leadership to transform complex requirements into reliable and scalable solutions.

Technical Skills

| | |
|-----------------------------|---|
| Languages | C#, JavaScript, TypeScript, SQL |
| Frameworks & Web | .NET Framework, .NET Core, ASP.NET, Angular, WinForms |
| Databases | SQL Server, PostgreSQL |
| Tools & Cloud | Azure DevOps, Docker, Kubernetes, Jenkins, OpenShift |
| Methodologies | TDD, DDD, Clean Architecture, CI/CD, Agile/Scrum |

Professional Experience

Zembra — .NET Developer

Jan 2025 – Present

Discretionary portfolio management solution, with strong requirements for scalability and regulatory compliance.

- **Designed and implemented** the Cash Handling module for portfolio liquidity management.
- **Developed** the simulation engine to anticipate portfolio evolution during buy/sell operations.
- **Implemented** constraint logic (risk tolerance, investment objectives, regulatory compliance).
- Contributed to a highly scalable microservices architecture optimized with multithreading.

Tech stack: .NET Core, EF Core, Angular, Clean Architecture, Microservices, Multithreading, TDD, DDD, OpenShift

Technical Center of Excellence — .NET Developer

Jul 2023 – Dec 2024

Cross-functional team dedicated to best practices and stack modernization.

- **Instrumented and audited** the settlement-delivery module to improve performance.
- **Created** an SDK for centralized secret management in legacy applications.
- **Developed** an SDK to automate EF Core migrations.
- **Established** backend templates and standardized technical guidelines.
- **Supported** teams in adopting AI tools (Copilot, LLMs, agents).

Tech stack: .NET Core, Clean Architecture, Microservices, EF Core, Copilot

Lutèce Portfolio Management — .NET Developer / Scrum Master

Jan 2021 – Jun 2023

Critical desktop application for entering and executing financial orders.

- **Optimized** screens, APIs, and SQL queries to improve performance.
- **Developed** reusable APIs for other internal applications.
- **Implemented** business controls (ESG, MiFID) and redesigned the corporate actions module.
- **Coordinated agile processes** as Scrum Master for a team of 8 developers.

Tech stack: .NET Framework, WinForms, SQL Server, NHibernate, Scrum

Lutèce Core Banking — Full Stack Developer

Feb 2021 – Dec 2021

Central repository for managing accounts, clients, and instruments.

- **Analyzed and implemented** business requirements for repository development and maintenance.
- **Designed and developed** APIs to facilitate integration with other modules.
- **Diagnosed and resolved** anomalies in collaboration with the support team.
- **Provided technical support** and assisted users in daily operations.

Tech stack: C#, .NET Framework, JavaScript, HTML, DurandalJS, SQL Server, NHibernate, Scrum

GUIT — Full Stack Developer

Oct 2018 – Sep 2019

End-to-end testing platform aimed at reducing costs through a graphical interface and reusable Selenium components.

- **Developed** the user interface for creating and monitoring test scenarios.
- **Designed and implemented** the execution engine orchestrating automated test campaigns.
- **Developed** custom Selenium components for the LCB application.
- **Implemented** robustness policies (retry, timeout, crashout).

Team size: 2 Tech stack: C#, .NET Framework, JavaScript, HTML, DurandalJS, SQL Server, NHibernate, Scrum

Education

Engineering Degree, ENIT

2016 – 2019

Specialization in Electrical Engineering, Microsystems, and Embedded Systems Design.