

Alejandro Ariza

Fullstack Software Engineer

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Professional Profile

Software Engineer with over 4 years of experience in Full-Stack and Backend development, specialized in clean and scalable architectures. Advanced expertise in .NET Core/6/8, Angular, and agile methodologies. Passionate about SOLID principles, Domain-Driven Design (DDD), and hexagonal architecture, with a strong commitment to clean and maintainable code.

Proven experience in DevOps environments with CI/CD, microservices development, and automated testing. Ability to work in multidisciplinary teams, solve complex problems, and quickly adapt to new technologies.

Professional Experience

Fullstack Engineer | [gtMotive.com](#)

October 2023 - Present | Córdoba, Spain

- Development of microservices with **.NET 6/8**, implementing REST APIs with hexagonal architecture and SOLID principles
- Frontend work with **Angular 16-17**, TypeScript, and testing with JEST
- Implementation of **CQRS** and Event Delivery for distributed architectures
- Management of **SQL Server** and **OracleDB** databases with Entity Framework Core 6 (Code-first approach)

- Advanced testing with **XUnit**, **FluentAssertions**, **Moq**, and **AutoMoq**
- Configuration and maintenance of pipelines in **Azure DevOps** (CI/CD, Azure Releases)
- Work in DevOps environment with agile methodology

Backend Engineer | [Aml-Analytics.com](https://aml-analytics.com)

December 2022 - October 2023 | Remote

- Development of REST APIs with **.NET 6**, **OData**, and **MediatR**
- Application of **TDD**, **DDD**, and **hexagonal architecture** in all projects
- Creation of custom NuGet packages for component reusability
- Comprehensive testing with **XUnit**, **AutoFixture**, **FluentAssertions**, and **Moq**
- Implementation of **CQRS** with Entity Framework Core 6 and SQL Server
- Management of **Azure** pipelines for continuous integration and deployment

Full-Stack Developer - Software Engineer | [Atwork.ai](https://atwork.ai)

August 2022 - December 2022 | Remote

- Application development with **Angular 13/14**, **TypeScript**, and **RxJS** using atomic component structure
- Backend with **.NET Core 6** applying Clean Code, **DDD**, and **hexagonal architecture**
- Implementation of end-to-end testing with **Playwright**
- Unit testing and integration with Entity Framework
- Continuous integration with CI/CD

Full-Stack Developer - Software Engineer | [Pamlearning.com](https://pamlearning.com)

November 2021 - August 2022 | Remote

- Development with **.NET 6**, following Clean Code principles, **hexagonal architecture**, and **TDD**
- Frontend with **pure CSS**, **JavaScript**, and **TypeScript**

- Work with **Razor views** and Razor Pages in .NET
- Unit testing with **XUnit**
- Collaboration in super agile environment with continuous deliveries

Full-Stack Developer - Intern | CTI

November 2020 - October 2021 | Córdoba, Spain

- Development with **.NET Framework** and Visual Basic
 - **SQL Server** database management: functions, stored procedures, and query optimization
 - Frontend with **jQuery**, **JavaScript**, and Bootstrap
 - First steps in professional development and teamwork
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Education

Software Engineering Degree

University of Córdoba | 2013 - 2020

- Specialization in software architectures and application development
 - Active participation in the **Free Software Club** at the University of Córdoba
 - Coordination and creation of technical activities and workshops
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Technical Skills

Languages and Frameworks

- **.NET Core 6/8**, C# 10, .NET Framework, VB
- **Angular 13/14/16/17**, TypeScript, JavaScript, RxJS
- **Razor Pages**, HTML5, CSS3, Bootstrap

Architecture and Patterns

- Domain-Driven Design (DDD)
- Hexagonal Architecture
- SOLID Principles
- Clean Code

- CQRS (Command Query Responsibility Segregation)
- Test-Driven Development (TDD)

Databases

- SQL Server
- OracleDB
- Entity Framework Core 6 (Code-First)

Testing

- XUnit
- JEST
- Playwright
- FluentAssertions
- Moq, AutoMoq
- AutoFixture
- Integration Testing
- Unit Testing

DevOps and CI/CD

- Azure DevOps
- Azure Pipelines
- Azure Releases
- Git, GitHub

Other Technologies

- REST API
 - OData
 - MediatR
 - NuGet Packaging
 - Event Delivery
 - Microservices
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Key Competencies

- **Teamwork** and multidisciplinary collaboration
 - **Problem-solving** of complex issues
 - **Critical thinking** and decision-making
 - **Stress management** in high-pressure environments
 - **Agile Methodology** (Scrum, Kanban)
 - **Effective communication** with technical and non-technical stakeholders
 - **Continuous learning** and adaptation to new technologies
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Languages

- **Spanish:** Native
 - **English:** High - B2
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Additional Information

- **Date of birth:** April 21, 1995
- **Location:** Córdoba, Spain
- **Availability:** Immediate
- **Work mode:** On-site, hybrid, or remote