AMINE ATMANI

Fairfield, IA 52556 ● +1-737-296-8981 ● Mohamineatm@gmail.com
https://www.linkedin.com/in/mohamed-amine-atmani/

.NET SOFTWARE ENGINEER

.NET Software Engineer with 4 years of experience in designing, developing, and deploying scalable web applications and enterprise solutions. Skilled in Object-Oriented Programming, .NET Core, and SQL Server with strong expertise in implementing Web Services, Design Patterns, and Dependency Injection to build maintainable and high-performance systems. Proficient in Back-End development with solid understanding and experience in Front-End. Experienced in Azure Cloud and Azure DevOps pipelines for CI/CD, infrastructure, and application lifecycle management. Strong background in software testing, troubleshooting, and delivering reliable solutions aligned with business requirements. Industry experience spans airline systems and Recruitment Software, delivering software that improves efficiency, scalability, and user engagement.

● Web Services ● DOT NET Programming ● Object-Oriented Programming ● Design Patterns ● Dependency Injection ● REST API Development ● Database Systems ● Testing

Languages: C#, Java, JavaScript, TypeScript, SQL
Web: HTML, CSS
Web Services: REST, SOAP, ASP.NET Web API
Web/App Servers: IIS, Kestrel, Azure App Service
Frameworks: .NET Core, ASP.NET, Entity Framework, Angular
Databases: MS SQL Server, MySQL
Design Patterns: Dependency Injection, Repository, Singleton, Factory, Observer, Strategy, Adapter, Decorator, Command, Facade, Proxy, Builder, Prototype, Template Method, MVC, MVVM
SDLC: Agile, Scrum
Tools: Stripe, SendBird, Git, Postman, Swagger, Azure Devops, GitHub, Trello, Jira, Azure Boards
Platforms: Windows, Microsoft Azure

CAREER NOTE: *Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).*

PROFESSIONAL EXPERIENCE

AXLAB, Casablanca, Morocco ● 03/2023 – 04/2025
Axlab develops modern software solutions supporting Airxelerate's IT ecosystem in the airline and travel sector.

Software Engineer (.NET Backend)
Worked on backend development, cloud deployment, and full-cycle delivery of software solutions for two major clients.

- Designed and optimized APIs for the Core Services module using .NET Core and Clean Architecture, improving performance and maintainability.
- Implemented automated testing for the QA module using SpecFlow, Cucumber, and xUnit, reducing regression issues.
- Built CI/CD workflows for the Deployment module using Azure DevOps and YAML pipelines, speeding up release cycles.
- Developed end-to-end tests for the Frontend Integration module using Cypress, ensuring stable UI and API integration.
- Managed Azure resources for the Platform Infrastructure module using App Services, Functions, SQL Database, and API Management, improving scalability.
- Integrated real-time communication for the Messaging module using Sendbird SDK and SignalR, enabling chat, notifications, and live updates.
- Implemented secure billing for the Payment module using Stripe SDK and Webhooks, supporting subscriptions and reliable transactions.
- Optimized database operations for the Data Access module using SQL Server, stored procedures, and indexing, improving query efficiency.

Technologies Used: *.NET Core, C#, SQL Server, Azure DevOps, Azure Portal, React, TypeScript, Cypress, Sendbird SDK, Stripe SDK, Git.*

KOELIO, Casablanca, Morocco • 02/2021 – 04/2023
Koelio is a lifecycle digitalization platform that automates workflows, connects field teams, and integrates systems across maintenance, facility operations, and IoT monitoring.

Software Engineer (.NET Backend)
Did core backend tasks for the Web Services module using .NET Core, SQL Server, and REST APIs accomplished stable features and smooth integrations.

- Built backend features for the web platform using .NET Core, MVC, and JavaScript, improving performance and usability.
- Designed and optimized SQL Server databases using stored procedures and indexing, boosting query speed.
- Implemented real-time updates with SignalR, enabling instant user notifications and smoother interactions.
- Developed reusable services with layered architecture and dependency injection, improving maintainability.
- Integrated third-party and internal APIs with secure authentication flows, ensuring reliable data exchange.
- Strengthened application security with role-based access and validation, protecting sensitive client data.
- Assisted with staging and production deployments, supporting DevOps teams for smooth releases.
- Improved system stability through debugging, performance tuning, and collaboration with QA.

Technologies Used: *.NET Core, ASP.NET MVC, C#, SQL Server, AJAX, jQuery, JavaScript, SignalR, RESTful APIs, Git, Azure DevOps, HTML, CSS.*

ACADEMIC PROJECTS

Maharishi International University (2025)
Conduit Blog App: Designed and developed a microservices-based core banking system using Spring Boot, service discovery, API gateway, Kafka, and PostgreSQL, all containerized with Docker. Deployed the full system on AWS EC2 with automated CI/CD through GitHub Actions. Utilized Java 17, Spring Boot, Spring Cloud Gateway, Eureka Service Discovery, Spring Cloud Config, Spring Security (JWT), PostgreSQL, MongoDB, Apache Kafka, Docker, Docker Compose, GitHub Actions (CI/CD), AWS EC2, Resilience4j.

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion 12/2027)
Maharishi International University, Fairfield, Iowa

Key Courses: Software Engineering, Algorithm, Enterprise Applications, Software Architecture

Bachelor in Computer Science
Omnia School Of Business and Technology, Casablanca, Morocco (10/2022)

Associate degree in Computer Science
OFPPT, Casablanca, Morocco (07/2021)