

MARWANE BIDAMOU

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<https://www.linkedin.com/in/marwanebidamou/> - "Willing to Relocate"

SENIOR .NET DEVELOPER

Senior .NET Developer with over 7 years of experience building scalable, high-performance software solutions. Expertise in microservices architecture, system optimization, and advanced technology integration across real estate, and banking domains. Skilled in all SDLC phases, from design to deployment, leveraging Agile methodologies to enhance efficiency and customer satisfaction. Proficient in C#, ASP.NET, ASP.NET Core, SQL Server, Docker, RabbitMQ, gRPC, and front-end technologies like JavaScript, TypeScript, and React. Passionate about delivering innovative, efficient, and robust applications with a detail-oriented and proactive approach.

- Problem Solving • Effective Communication • Object-Oriented Programming (OOP) • Microservices Architecture
 - Database Design and Optimization • Application Performance Tuning • API Design and Development
 - Agile Methodologies • System Scalability and Availability • Requirements Analysis

Languages: C#, TypeScript, JavaScript

Web: HTML5, CSS3, jQuery, AJAX, JSON

Web Services: RESTful APIs, gRPC, GraphQL, Web APIs, Webservices, WCF

Web/App Servers: IIS, Nginx

Frameworks: ASP.NET Core (Razor Pages, MVC, Web API), ASP.NET MVC, Entity Framework, Razor Pages, Microservices Architecture, MassTransit, Angular

Databases: Microsoft SQL Server (T-SQL), MySQL, MongoDB

Design Patterns: SOLID Principles, Repository Pattern, Singleton, Dependency Injection, Factory Method

SDLC: Agile methodologies (Scrum), Waterfall model

Tools: Visual Studio, Visual Studio Code, SSMS, Git, Docker, Jira, Git, GitHub, Azure DevOps, Docker, Swagger, TortoiseSVN, Talend ETL

Platforms: Windows, Linux, Azure Cloud, AWS

PROFESSIONAL EXPERIENCE

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).

LOGIGROUP, Casablanca, Morocco • 08/2020 – 07/2024

A Technology Firm.

Technical Lead (08/2021 - 07/2024)

Managed and enhanced software development processes, leading to improved product quality and team performance.

- Engineered scalable software solutions using C#, .NET Core, and microservices, improving system performance by 25% and ensuring high reliability for enterprise applications.
- Redesigned the code base of the Square Habitat real estate platform, introducing advanced property management features and optimizing database queries, increasing user satisfaction by 40% and data retrieval speed by 20%.
- Implemented secure and efficient API communication using RabbitMQ, gRPC, and Azure services, strengthening data integrity, scalability, and system reliability.
- Developed and optimized Crédit Agricole Immobilier's rental platform (PDL) using ASP.NET Core API and Angular, automating tenant applications and document validation, improving processing efficiency by 30%.
- Built the Lendr microloan system, automating eligibility assessment and repayments using React Native, Symfony, and AWS, reducing manual processing time and ensuring 100% compliance with financial regulations.
- Led a team of six developers in designing and delivering scalable software solutions, enhancing code quality, system performance, and operational efficiency.

Dotnet Developer (08/2020 - 08/2021)

- Optimized enterprise-grade applications using C#, ASP.NET Core, and Angular, delivering three high-impact projects that streamlined business operations and improved user satisfaction.
- Developed an internal supplier management application (MyRFC) for Crédit Agricole Immobilier, automating supplier data handling and document management, increasing efficiency by 40%.
- Engineered a promotional planning tool (Planning Promo), automating campaign scheduling and tracking, reducing manual effort by 40% and improving data retrieval speed by 35%.

- Enhanced the Immofacile ERP system by integrating Power BI and SQL Server, cutting report generation time in half and enabling precise data-driven decision-making.
- Designed and built an internal KPI tracking application (ADR), enabling 25% faster data analysis and reporting through streamlined processes.
- Implemented RESTful APIs and Web APIs, ensuring robust and efficient service communication, reducing API response times by 30%.
- Optimized database performance by identifying bottlenecks and improving queries, significantly enhancing data retrieval efficiency and downstream processes.

Technologies Used: C#, ASP.NET, ASP.NET Core, Angular, SQL Server, GraphQL, RabbitMQ, Microservices, gRPC, Redis cache.

EASY SYSTEM 3000, Casablanca, Morocco • 09/2017 – 07/2020

A technology company.

Dotnet technical consultant

Developed and maintained enterprise-level applications, focusing on database design, application testing, and deployment for commercial real estate management systems.

- Enhanced the Gecimmo SaaS ERP system for real estate sales and client management, optimizing workflows, reducing processing time by 40%, and ensuring seamless migration of 500,000+ records.
- Developed G-Aménageur and G-Marché software, automating resettlement processes and tender management, improving workflow efficiency by 35% and bid evaluation by 40%.
- Optimized SQL Server performance by restructuring queries and indexing critical tables, reducing query execution times by 25% and improving application response times.
- Designed custom reporting solutions with SSRS, enabling actionable insights and better decision-making while ensuring high-accuracy data migrations with 99.99% precision.

Technologies Used: C#, ASP.NET, Web APIs, JavaScript, Ajax, jQuery, CSS, HTML, Bootstrap, SQL Server Reporting.

ACADEMIC PROJECTS

Maharishi International University (2024)

- **PolicyHub:** Developed the Policy Management System, a full-stack web app for creating, managing, and retrieving policies. Built the backend with Node.js, TypeScript, and MongoDB, and the frontend with React and TypeScript. Implemented RESTful APIs, JWT authentication, role-based access control, and search/filtering for usability.
- **AuthWave:** Developed AuthWave, a serverless authentication platform for user registration, login, and profile management with image uploads. Built the backend with Node.js and AWS Lambda for scalability and cost efficiency. Integrated API Gateway, DynamoDB, S3, and CloudFront for secure data handling. Automated deployment and resource management using AWS CloudFormation and IaC, streamlining the CI/CD pipeline.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 04/2027)

Maharishi International University, Fairfield, Iowa

Key Courses: Algorithms, Web Programming, Modern Web Applications, Cloud Computing

Master's degree in Business Analytics and Big Data

Faculty of Science and Technology, Hassan First University, Settat, Morocco (07/2021)

Key Courses: Data Science Tools & Reporting Analytics, Python for Data Science, Big Data Technologies (NoSQL, Hadoop Ecosystem, SPARK)

Bachelor's Degree in Application Design and Development Engineering

Faculty of Science and Technology, Hassan First University, Settat, Morocco (07/2018)

Associate's degree in Computer Software Engineering

Specialized Institute of Applied Technology, Casablanca, Morocco (07/2017)

CERTIFICATIONS

[Building Microservices With .NET](#) (02/2023)

[Big Data Engineer - Mastery Award](#) (07/2021)