Romain Dabadie

Senior / Lead .NET Engineer

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PROFESSIONAL SUMMARY

Senior .NET engineer and technical lead with experience delivering and modernizing enterprise applications in manufacturing, telecommunications, banking, real estate, and energy. Hands-on expertise in C#, .NET, ASP.NET Core, REST APIs, SQL, distributed messaging, CI/CD, and software architecture. Experienced in technical leadership, code review, requirements analysis, documentation, Agile delivery, and mentoring.

CORE SKILLS

- **Languages and frameworks:** C#, .NET, ASP.NET Core, ASP.NET MVC, Razor, Blazor, Angular, JavaScript
- **Architecture:** Clean Architecture, Domain-Driven Design, modular monoliths, event-driven architecture, microservices, N-tier architecture, design patterns, REST APIs
- **Data:** SQL Server, T-SQL, Oracle, PostgreSQL, SSIS, SAP Business Objects
- **Messaging:** Kafka, RabbitMQ, MQTT
- **Cloud and DevOps:** Azure, Azure DevOps, GitLab CI/CD, GitHub Actions, Jenkins, SonarQube, Artifactory, Ansible, Docker
- **Delivery and leadership:** Technical leadership, code review, mentoring, technical documentation, Scrum, Kanban, Jira, Confluence

PROFESSIONAL EXPERIENCE

Technical Expert - CGI, Rio Tinto **Jan 2023 - Present**

Manufacturing sector

- Provide technical expertise across projects that optimize aluminum production processes.
- Lead the rewrite of a legacy application using Clean Architecture, Domain-Driven Design, event-driven architecture, and a modular monolith.
- Analyze business and technical constraints, review code, improve performance, and implement complex application components.
- Produce technical documentation to support development and maintenance.

Technologies: C#, .NET, Angular, SQL Server, Oracle, MQTT, Azure DevOps

Lead Developer - Programisto, Bouygues Telecom **Mar 2022 - Jan 2023**

Telecommunications sector | Team of 10 developers

- Led backend API delivery for Mobile Virtual Network Operator operations.
- Provided technical oversight, reviewed code quality, resolved delivery issues, and implemented complex application components.
- Integrated Kafka and RabbitMQ and applied State and Strategy design patterns.
- Coordinated technical testing with QA and CI/CD implementation with DevOps.
- Wrote technical documentation and facilitated Agile ceremonies.

Technologies: C#, .NET, SQL Server, Oracle, Kafka, RabbitMQ, GitLab, SonarQube, Ansible, Jira

Technical Leader - Crédit Agricole Aquitaine **Nov 2018 - Mar 2022**

Banking sector

- Delivered intranet applications supporting the digitalization of regional banking teams.
- Developed C#/.NET MVC applications and T-SQL stored procedures and maintained the application portfolio.
- Gathered business requirements, wrote functional and technical specifications, estimated workloads, and organized testing campaigns.

Technologies: C#, .NET, ASP.NET MVC, Razor, JavaScript, jQuery, SQL Server, T-SQL, REST APIs, GitLab, Kanban, Bootstrap

Software Engineer / Technical Lead - Celad **Sep 2017 - Oct 2018**

Client engagements in banking and real estate

- **IT-CE:** Enhanced and maintained a home-loan approval exception application in a six-person Scrum team; completed technical studies for TinyMCE integration.
- **Crédit Agricole Aquitaine:** Built a workflow application for housing and consumer-loan approval delegation in direct collaboration with business stakeholders.
- **LP Promotion:** Established the initial .NET Core REST API and Angular components for a cadastral prospecting application and supervised a junior developer.
- Gathered requirements, wrote specifications, estimated workloads, coordinated functional testing, and supported project delivery.

Technologies: C#, .NET Core, ASP.NET MVC, Razor, SOAP APIs, REST APIs, Angular, JavaScript, jQuery, SQL Server, T-SQL, GitLab, Jira, Confluence

Software Engineer - CGI **Sep 2013 - Aug 2017**

TotalEnergies, Terega, and EDF | Energy sector

- Maintained enterprise applications and delivered fixed-price projects for large energy clients.
- Designed ETL processes in C# and SSIS and developed T-SQL stored procedures.
- Built SharePoint and ASP.NET MVC intranet applications and designed an SAP Business Objects universe.

Technologies: C#, ASP.NET MVC, SharePoint, SSIS, Oracle, SQL Server, T-SQL, SAP Business Objects, Jira, Confluence

EDUCATION

Information Systems Management Master's-level qualification - CESI, Pau, France | 2010 - 2013

Programmer Analyst - CESI, Pau, France | 2008 - 2010

CERTIFICATION

Microsoft Certified: Azure Fundamentals (AZ-900) | 2022

LANGUAGES

French: Native | English: Intermediate

COMMUNITY ENGAGEMENT

Lons Basket | Active member, event organizer, player, and youth coach | 1998 - 2017