

IOAN MARIAN

SENIOR .NET ENGINEER - ENTERPRISE PLATFORMS & PERFORMANCE

End-to-end technical ownership | Scalable architecture | Structural performance | Knowledge transfer

Bucharest, Romania | +40 747 761 739 | marian_ioan2001@hotmail.com | Advanced French | Professional English

EXECUTIVE PROFILE

Hands-on Senior .NET Engineer with principal-level scope, 28 years of professional experience, more than 20 years in C#/.NET, and deep SharePoint expertise. I translate business requirements into scalable data models, architecture, production-grade code, observable operations, sustained performance, and transferable systems. Across multiple engagements, I have repeatedly delivered substantial performance gains, reaching orders of magnitude in selected cases, through structural optimization of data access, algorithms, and workload execution. I help growing organizations turn complex operations into simple, measurable, durable platforms that can evolve without technology becoming the next constraint.

DISTINCTIVE APPROACH - MAP THE LIMITS BEFORE PRODUCTION

Since university, I have deliberately pushed systems to their limits: query width, data volumes, cardinalities, and the cost of elementary operations. I refresh these benchmarks in each environment so I can design with safety margin and identify future bottlenecks before production. Logging connects the business scenario, volume, stages, cumulative time, errors, and regressions.

SELECTED EVIDENCE OF IMPACT

~100x historical ID-first pagination (2003): from tens of seconds to under one second on a high-volume business list.	30+ years of method The same measure-scale-find-the-limit cycle evolved from COBOL and VBA to C#, cloud platforms, and applied AI.	28 years professional Hands-on work from data access and algorithms to architecture, production, and knowledge transfer.
3 SharePoint generations Hands-on ownership and migration across SharePoint 2003, 2007, and 2010 during the nine-year Europe Airpost engagement.	Technical lifecycle Requirements analysis, data model, architecture, code, test, deployment, observability, performance, support, and handover.	Measured Benchmarks, breaking points, stage timings, p50/p95/p99, volumes, errors, and regression trends.

AREAS OF EXPERTISE

ARCHITECTURE & BUSINESS Scalable architecture metadata-driven engines read models shared/specific pipelines RBAC/ABAC auditability knowledge transfer	PERFORMANCE & DATA C#/.NET SQL Server profiling cardinality analysis single-pass processing direct indexing parallelism p50/p95/p99 real-time reporting	TECHNOLOGY SPAN COBOL VBA/VB6/ASP C#/.NET ASP.NET/MVC Xamarin SharePoint on-premises/Online AD/Azure AD Excel/PDF automation PowerShell APIs applied AI
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PROFESSIONAL EXPERIENCE

CONFIDENTIAL ENTERPRISE ENGAGEMENT - CONSTRUCTION & INFRASTRUCTURE

Senior .NET Developer - primary technical ownership | May 2022 - present

- Primary technical ownership of an operational and financial platform during rapid business and operational growth.
- End-to-end technical ownership across solution design and delivery: translating business requirements into scalable data models and architecture, implementing in C#/SQL, validating through testing and observability, deploying to production, optimizing performance, and transferring knowledge.
- Delivered the initial foundation quickly from reusable models prepared in advance, then evolved it across new business rules, higher volumes, and longer operating horizons.
- Orders-of-magnitude gains in processing and data access through structural optimization: separating data access from processing, reducing repeated work, and measuring each stage independently.
- Reduced combinatorial amplification by isolating reusable datasets and preparing direct lookups when the access pattern justified them.
- Built observability into execution: functional and performance logs, per-stage and cumulative timings, volumes, errors, p50/p95/p99, and regression trends.
- Established conventions and trained colleagues able to continue development and operations using the same models.
- The organization's identity, commercial data, internal system names, exact metrics, and sensitive implementation details are intentionally omitted.

SELECTED LONG-TERM CLIENT ENGAGEMENT - EUROPEAN DIGITAL COMMERCE

VENTE PRIVEE (NOW VEEPEE) - Saint-Denis, France

SharePoint Consultant / Platform Technical Lead | November 2008 - November 2013

- From December 2008 to October 2013, I held primary, highly hands-on technical ownership of the SharePoint environment used for live business operations.
- My responsibilities covered development, administration, deployment, user support, training, patching, and production continuity.
- Maintained continuity of the SharePoint platform supporting live business operations during Veepee's rapid international expansion. Veepee's official history records that the company crossed the EUR 1 billion revenue threshold in 2011.
- Built and maintained reusable applications for content, workflows, documents, reporting, and shared business services.
- Delivered an approximately 6x speed-up on a critical path in third-party code after controlled multi-environment validation and rapid production deployment.
- Delivered operational applications quickly by reusing the same architectural core and adapting only the business-specific parts.
- Progressively transferred the model through conventions, inventories, training, and documentation supporting operational handover.

ARCHITECTURE FOUNDATIONS & SELECTED CLIENT ENGAGEMENTS - FRANCE

GIRAUD INTERNATIONAL - client engagement delivered through New System Design, France

C#/ .NET, ASP.NET & SharePoint Architect-Developer | November 2004 - July 2007

- Designed independently as an ASP.NET application engine, then successively rehosted in SharePoint 2003 and SharePoint 2007 and expanded into a library of approximately 20 reusable components.
- Used business objects, explicit List/Detail/View/Save actions, XML configuration, XSLT rendering, ID-first pagination, and clear request/response flows.
- Used the engine to deliver approximately 30 business applications; validated the architecture through long-term production use and adapted the same principles to several enterprise contexts.

EUROPE AIRPOST - client engagement, Paris, France

SharePoint & ASP.NET Developer / Platform Lead | April 2005 - February 2014

- During a nine-year engagement, held primary, highly hands-on technical ownership of an internal SharePoint platform supporting documentation and a portfolio of business applications.
- Installed, configured, and migrated the platform across SharePoint 2003, 2007, and 2010; developed reusable business Web Parts and internal ASP.NET applications.
- Provided production support, operational continuity, progressive modernization, and knowledge transfer.

CEGEDIM, ICADE, VEOLIA WATER SERVICES, AXA - selected client engagements, Paris region

SharePoint / Workflow Architect-Developer | Multiple engagements

- Delivered configurable XML/XSLT engines, workflows, business components, and migrations while prioritizing operational risk.
- Resolved complex scopes and transferred the method to architects and client teams.

PERFORMANCE FOUNDATIONS & APPLICATION ENGINE

DP2I - Paris, France

VB6 / ASP Developer - real estate software | 2001 - 2004

- Designed ID-first pagination with deterministic ordering and late loading of complete rows, reducing a business list from tens of seconds to under one second.
- Designed a metadata-driven ASP.NET engine with business classes, generic actions, XML/XSLT, logic/presentation separation, adaptive pagination, and reusable models.

ADDITIONAL EXPERIENCE

TOTALSOFT - Bucharest

SharePoint Developer | November 2019 - June 2022

- SharePoint Online workflows, C# APIs, Power Automate, and Power Apps; security remediation and platform modernization across SharePoint generations.
- Web Parts, asynchronous reconciliation, GDPR anonymization, OCR, document classification, and enterprise integrations.

EVEREST SOFTWARE - Bucharest

C#, ASP.NET MVC & Xamarin Developer | April 2016 - November 2019

- ASP.NET MVC applications for automotive, tourism, and financial calculations; Xamarin Android/iOS applications and scheduled Windows services.
- Created websites, catalogs, and mini-CMS solutions that served as a practical laboratory for models later reused in business platforms.

AM INFO CONCEPT / NEW SYSTEM DESIGN / INDEPENDENT WORK - Romania / France

Solutions Architect and C#/SharePoint Developer | 2004 - 2008

- Delivered C#, ASP.NET, and SharePoint solutions across confidential enterprise engagements, adapting the same reusable core to different platforms and organizations.

AREP / TOPTECH / VIVEO - Bucharest / Paris

VB/Access Developer, then COBOL/VB6 Developer | 1998 - 2001

- Started my career on business applications, databases, and financial systems, then progressively specialized in application architecture and performance.

TECHNICAL LEADERSHIP, AI & KNOWLEDGE TRANSFER

- Design architecture to be understood in the code and continued by other specialists, not merely documented after the fact.
- Use AI in a controlled way for implementation, refactoring, testing, and document analysis while preserving conventions, logging, auditability, and human validation.
- Leadership style: understand executive intent, translate business goals into simple systems, commit to a manageable schedule, deliver, measure, and make the organization more autonomous.

EDUCATION, CERTIFICATION & LANGUAGES

EDUCATION

Postgraduate Degree - Management Information Systems, Bucharest
University of Economic Studies (1998)

Bachelor's Degree - Accounting and Management Information
Systems, Bucharest University of Economic Studies (1997)

LANGUAGES

Romanian: native
French: advanced
English: professional

CERTIFICATION

Microsoft Office SharePoint Server 2007 - Configuration

INDUSTRIES

Construction and project operations | digital commerce | aviation |
road transport and logistics | real estate | water utilities |
pharmaceuticals | automotive showroom advertising | banking

POSITIONING: I measure limits before the business reaches them and turn complex problems into simple, reproducible, observable models that can evolve for years.