

FRÉDÉRIC MAUROY

Cloud Solution Architect – Luxembourg / Belgium

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PROFILE

Senior Microsoft .NET developer and architect since 2003 with extensive experience across all framework versions.

Specialized in **IoT**, **Cloud**, and **Edge** architectures using **Azure**, **AWS**, and **Google Cloud**.

Strong background in enterprise portals, CMS, mission-critical backend systems, and industrial data pipelines.

Certified **Azure Cloud Solution Architect**, **MCP**, **MCAD**, **MCSD (C#)**.

Versatile, dependable, autonomous, INFJ profile.

Visit my online profile at <https://fredmauroy.net>

CORE SKILLS

Development

- C#, VB.NET
- ASP.NET / MVC / Blazor
- Web Services / WCF
- DevOps / TFS / Git
- jQuery / Bootstrap
- WinForms / WPF

Technologies

- Microsoft Azure (Cloud / Edge)
- SQL Server
- DotNetNuke
- Entity Framework
- Cordova, Xamarin
- AWS, GCP
- Design Patterns

Languages

French · English

Interests

Computing · Photography · Home Cinema · Astronomy · Lifelong learning · R/C

PROFESSIONAL EXPERIENCE

Sword Group — .NET Consultant

April 2023 – Present | Luxembourg Consulting on .NET and cloud solutions for major clients (Big5, CFL, medical insurance).

Tech: C#, .NET Core, SQL Server, Kafka, Docker, Blazor, SignalR, Azure Event Hubs, Kubernetes, Data Lake, Azure Durable Functions, Event Grid, OpenAPI.

Wizata — Cloud Solution & .NET Architect

Oct 2018 – Apr 2023 | Luxembourg Industry 4.0, IoT, and edge/cloud solutions for large industrial clients (metal, lime, cement, chemical, food).

Tech: C#, .NET Core, Azure, SQL Server, EF, SignalR, IoT/Event Hub, WebAPI, Azure Digital Twins, InfluxDB, Azure Timeseries Insights, Azure DevOps, Git, OAuth2/SAML, OpenID Connect, Docker, Azure IoT Edge, AWS, GCP, BigQuery, Python, MQTT, OPC-UA/DA, Modbus, Siemens S7.

C-Services (Cronos Group) — Senior .NET Consultant / Architect @ Telindus

Jan 2017 – Oct 2018 | Luxembourg

Tech: C#, MVC 4/5, SQL Server, EF6, VB.NET, Cloud Computing, nopCommerce, Active Directory.

FDLV SA — Senior .NET Consultant @ AXA

Jul 2016 – Dec 2016 | Luxembourg

Tech: C#, Silverlight, Oracle, SQL Server, VB6, DDD.

Editus SA — Senior Web Developer

Sep 2015 – Jul 2016 | Luxembourg Development and mentoring across multiple web platforms (ASP.NET MVC 5, Agile). Machine learning and data science initiatives.

Tech: C#, WCF, MVC 5, SQL Server, EF6, Azure.

Adeo Sàrl — Mercator ERP Developer

Feb 2015 – Aug 2015 | Luxembourg Custom ERP/CRM development.

Tech: Mercator ERP, C#, SQL Server, WinForms.

Cobalt eMedia Solutions — Senior Developer & Analyst

Sep 2005 – Feb 2015 | Luxembourg Corporate portals, custom .NET development, mobile apps (PhoneGap, Xamarin).

Clients: Ministry of Education, Institut National des Langues

Tech: C#, ASP.NET, SQL Server, Plumtree, DotNetNuke, InsiteCreation, New Relic, PhoneGap, Xamarin.

Hewlett Packard — Developer

2002 – 2005 | Luxembourg Custom solutions around Plumtree Corporate Portal.

Clients: Ministry of Education, Ferrero, Axima

Tech: C#, Plumtree, ASP.NET, SQL Server.

Digital (DEC) / Compaq — Developer

1999 – 2002 | Luxembourg MS Exchange & Active Directory development (CDO, ADSI, VBScript).

Clients: Ministry of Education, Ferrero, Dexia/BIL

Tech: Plumtree, Exchange 2000, ADO/CDO/ADSI, SQL Server.

Générale de Banque (BNP Paribas Fortis) — Developer

1996 – 1999 | Belgium Middleware development in C for data transfer between Windows NT servers and IBM mainframe.

Tech: Microsoft C++, SQL Server, MFC, SNA Server.

AGD — Intern Developer

1996 | Belgium WinDev application for managing civil records in town halls.

Tech: WinDev.

START-UP EXPERIENCE

Alert112 Sàrl — Volunteer CTO

2015 – 2016 Architecture and development of mobile apps using Xamarin and WCF on Azure.

Tech: Xamarin, C#, WCF, SQL Server, Azure.

Viashopia Sàrl — Co-administrator & Volunteer CTO

2014 – 2019 Platform availability, improvements, mobile/Windows apps, backend services.

Tech: C#, WCF, WinForms, SQL Server, PhoneGap, Azure.

EDUCATION & CERTIFICATIONS

Microsoft Certifications (2004–2023)

Transcript available on request.

Binance Smart Chain Certifications — WebMarathon (2020)

Passed.

Udemy Online Courses (2016–2017)

C#, .NET, unit testing, PWA, Ethereum, REST, design patterns, neural networks, async C#, DI, ASP.NET Core, Angular, Docker, PowerShell, Unity, quantum physics, Azure architecture, TypeScript, cryptocurrencies, clean code, performance, MVC, space engineering, astronomy, AngularJS, popular science.

edX Online Courses (2015–2016)

Programming with C# — Passed | ColumbiaX Data Science & Analytics — Passed | ANUx Astrophysics XSeries — Passed | EPFLx Introduction à l'astrophysique — Passed | HarvardX Super-Earths and Life — Passed | MEdPhx From Atoms to Stars — Passed

Académie des Beaux-Arts d'Arlon (2007–2009)

Photography with François De Herdt.

Compaq Certifications (2000)

Exchange 2000 Academy.

Microsoft Certifications (1998)

C++ Programming using MS Visual C++ | Mastering MFC using MS Visual C++

IESN / HENALLUX (1993–1996)

Bachelor in IT for Business (BAC+3)

FUNDP / UNAMUR (1992–1993)

1ère candi Math

Collège St Augustin, Enghien (1986–1992)

Science & Math major.

MISCELLANEOUS

Book Reviews

- Xamarin Cross-platform Application Development – 2nd Edition
- Cross-platform UI Development with Xamarin.Forms
- Xamarin Mobile Development for Android Cookbook

Organisations

- Mensa.be
- Astronomie Centre Ardenne