David Breton

SOFTWARE ARCHITECT · AI · DEVOPS · TECHNICAL AUDIT

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PROFILE

Software architect and DevOps practitioner with nearly 30 years of experience. Technical architecture, CI/CD, cloud, application performance and team mentoring across banking, insurance, media, hospitality, software and industry.

Since January 2022, parallel activity in technical audit, consulting and coaching. Current interests include LLM engineering, AI adoption, security, GDPR, resilience and sovereignty.

CORE SKILLS

Architecture (SOA, API, microservices, DDD/CQRS) · .NET / C# · Docker · Kubernetes / OpenShift · Azure DevOps · GitLab · Jenkins · SonarQube · Observability · AI / LLM · DevSecOps · Team coaching.

PROFESSIONAL EXPERIENCE

AXA Wealth

January 2024 — present

Software architect

Jenkins-to-Azure DevOps transition and MuleSoft API-delivery modernisation, with OpenShift deployments and Git/YAML configuration.

Technology : Azure DevOps, MuleSoft 4, OpenShift, Maven, SonarQube

Outcome : Production deployment time reduced by half.

— Designed Azure DevOps pipelines for Maven-based applications, MuleSoft runtime and OpenShift deployments.

— Version-controlled pipeline and environment configuration in Git/YAML ; integrated quality controls with SonarQube and ReadyAPI.

— Co-designed delivery practices with engineering teams and provided documentation and workshops.

La Banque Postale

May 2023 — January 2024

IT architect & DevOps coach

DevSecOps assessments, secure development practices, CI/CD controls and technical coaching.

Technology : DevSecOps, CI/CD, Audit, Qualité logicielle

Outcome : Stronger delivery and quality controls.

— Assessed security practices across development and delivery processes.

— Introduced guidance around automated checks, GitLab CI/CD and DevSecOps awareness.

EBP Informatique

August 2022 — February 2023

Software architect

Microservices architecture, CQRS/DDD and workshops on Docker, Clean Code and agile delivery.

Technology : DDD, CQRS, .NET, Docker, Blazor, PHP

Outcome : More consistent engineering practices.

— Supported microservice architecture decisions using CQRS and Domain-Driven Design.

— Delivered Clean Code, Docker and agile engineering workshops.

FLOA

May 2021 — August 2022

Containerisation architect

Docker-based modernisation of PHP, .NET, Ruby and Python workloads, with GitLab CI/CD.

Technology : Docker, GitLab CI, PHP, .NET Core, Ruby, Python

Outcome : Standardised environments and supported engineering teams.

— Created reusable Docker packaging approaches for PHP, .NET, Ruby and Python applications.
— Worked on GitLab CI/CD standardisation and supported application teams through adoption.

Mutuelle Ociane Matmut

October 2019 — avril 2021

Technical architect

IT audits, Docker, SonarQube, Ansible and CI/CD process improvement.

Technology : Docker, SonarQube, Ansible, OpenAPI 3, .NET Core

Outcome : Improved quality and deployment practices.

— Audited existing architecture and deployment processes.
— Supported improvements with Docker, SonarQube, Ansible and CI/CD tools.

FLOA

February 2019 — September 2019

DevOps architect & trainer

Docker/Azure automation, application logging, RabbitMQ, ELK and continuous delivery.

Technology : Docker, Azure, GitLab CI, RabbitMQ, ELK, .NET Core

Outcome : Improved observability and engineering workflows.

— Worked on Docker/Azure automation and improvements to logging and visibility.
— Contributed .NET Core, RabbitMQ, ELK and GitLab CI/CD integration.

Orange Business Services

February 2016 — January 2019

.NET architect

SaaS application architecture, TFS automation, SonarQube, TDD and software performance.

Technology : .NET, TFS, SonarQube, SaaS, TDD

Outcome : Smoother releases and stronger code quality.

— Automated builds and releases with Team Foundation Server.
— Integrated code-quality controls, performance improvements and TDD/pair-programming practices.

DEKRA Automotive

September 2013 — February 2016

.NET architect

SOA architecture and vehicle-fleet solutions with WPF, WCF, ASP.NET and automated delivery.

Technology : ASP.NET, WCF, WPF, SQL Server, TFS, RabbitMQ

Outcome : More stable applications.

— Architected SOA services and fleet-management applications.
— Worked with ASP.NET MVC, WPF, WCF, Web API and build automation.

Naval Group (ex-DCNS)

May 2012 — August 2013

.NET architect

WPF/WCF industrial applications using PRISM, Scrum, Kanban and TDD.

Technology : .NET, WPF, WCF, PRISM, TFS, Scrum

Outcome : Fewer production incidents.

— Designed .NET industrial software using WPF, WCF and PRISM.
— Applied Scrum, Kanban, TDD and TFS practices in an industrial context.

DEKRA Automotive

May 2011 — avril 2012

Software engineer / .NET architect

Vehicle-reference systems, SQL Server performance and SSIS data processes.

Technology : SQL Server, SSIS, ASP.NET, Performance

Outcome : Faster data processing.

— Optimised SQL Server procedures, indexes, views and vehicle data processing.

— Created SQL and SSIS guidelines for development teams.

Cdiscount

September 2009 — avril 2011

Software engineer

High-volume e-commerce applications and .NET/SQL Server performance.

Technology : .NET, ASP.NET MVC, SQL Server, WCF, Performance

Outcome : Improved stability and responsiveness.

— Developed .NET services and ASP.NET MVC applications for online retail.

— Improved SQL Server access patterns and application performance.

Altitude Communications

2008 — 2009

IT consultant

Telecommunications EDI flows, C#, SQL Server and Adonix integrations.

Technology : C#, EDI, SQL Server, Adonix, CVS

Outcome : More reliable data exchange.

— Developed telecom EDI data flows for broadband service processes.

— Integrated C#, SQL Server and Adonix systems ; improved data exchange performance.

Groupe Lucien Barrière

2007 — 2008

.NET architect

CRM architecture for hotels and casinos, C# and SQL Server.

Technology : C#, CRM, SQL Server

Outcome : More reliable customer-data management.

— Designed a CRM solution for hotel and casino customer management.

— Worked on C# and SQL Server integration and data processing.

Accor

2003 — 2007

Technical lead

Hotel management systems for US brands, including Motel 6 and Red Roof Inn.

Technology : ASP, VB, C#, SQL Server

Outcome : Centralised hotel data and improved maintainability.

— Led technical coordination with US teams across hospitality systems.

— Wrote specifications and estimates and supported application evolution.

Eurosport

2001 — 2003

.NET architect

Content platforms for Eurosport and TF1 using C#, Visual Basic, BizTalk, MSMQ and EDI/EAI.

Technology : ASP.NET, C#, Visual Basic, BizTalk, MSMQ, EDI, EAI, Gestion de contenu

Outcome : Automated publication and paid-content distribution.

— Architected the content-management platform using C#, Visual Basic, BizTalk and MSMQ.

— Implemented EDI feeds to update Eurosport sites automatically.

— Built EAI components to generate page models for multiple publishing targets.

— Contributed to the paid-content platform developed with TF1.

Accor

September 1998 — 2001

Technical lead

Hotel management systems for European Accor brands, including Formule 1, Étap and Ibis.

Technology : ASP, Visual Basic, SQL Server, Gestion de projet

Outcome : More centralised operating workflows.

— Designed and supported hotel-management tools for European Accor brands.
— Worked on specifications, team coordination and ASP/VB/SQL front- and back-office features.

PARALLEL CONSULTING & AI EXPERIMENTATION · JANUARY 2022 TO PRESENT

Architecture and infrastructure assessments, DevSecOps coaching, deployment automation, Prometheus / Thanos / Grafana observability, containerised Mistral and NLLB experiments, AI tool adoption and team workshops.

EDUCATION

1998 — Master's-level studies in Computer Science / AI, Marseille Luminy.
1997 — Undergraduate Computer Science / AI, Marseille Luminy.
1996 — DUT in Computer Science, Montpellier.
1994 — DUT in Electrical Engineering and Industrial Computing, Marseille.