Fabio Salvalai

Senior Full Stack Software Engineer

`React` `C# / .NET` `Domain Driven Design`

Lausanne, Switzerland   SwissCaution   github.com/salfab   linkedin.com/in/fabio-salvalai

SUMMARY

— .NET/C# since 2005, React since 2023, Angular since 2020, TypeScript
— Architecture: DDD, Event Sourcing, Microservices, SOLID, DI/IoC
— Agile practitioner & PSM I certified Scrum Master
— UX Design diploma — bridging engineering and user experience

SKILLS

Backend	Frontend	Practices	Other
C# / .NET	React	TDD / BDD	UX Design & Research
ASP.NET Core	Angular	SOLID / DI / IoC	Multithreading / Async
Python	TypeScript	Agile / Scrum	
Event Sourcing	WPF / Prism	CI/CD	
Domain Driven Design		Git / Gitflow	
Microservices			

EXPERIENCE

Full Stack Engineer React / .NET   Oct 2022 — Present
SwissCaution · Nyon, Switzerland

Development of the company's public and internal platforms
in React.js, TypeScript, Python and C# / .NET.

Software Engineer   Apr 2016 — Sep 2022
Vaudoise Assurances · Lausanne

Front-end development with TypeScript and Angular since
2020. Previously technical lead on a greenfield
microservices platform (ASP.NET Core, Event Sourcing)
serving all insurance quotes applications. Evangelized SOLID
principles, pushed CI adoption and git/gitflow workflows.

Software Engineer   Jan 2014 — Nov 2015
Frontiers · Lausanne

Senior Software Engineer building Loop, a social network for
researchers. Providing tools and packages for other teams —
CI/CD support and third-party API integrations.

Mobile Application Developer   Jul 2013 — Apr 2014
Freelance · La Tour-De-Peilz

Built a tablet app and CMS (ASP.NET MVC4, RavenDB) for the
Swiss Museum of Games. UX research, prototyping, and full
delivery.

Scrum Master   Oct 2013 — Jan 2014
Pyxis Technologies · Geneva

Consultant Scrum Master at RTS (Radio Télévision Suisse).
Guided two development teams of 8 and coached Product Owners
through agile transition.

.NET Software Architect
May 2011 — Jul 2013

Liebherr · Bulle, Switzerland

Led architecture for a legacy-to-.NET rewrite (Delphi to
C#). Technical coach for the team's .NET transition.
Evangelized SOLID, TDD/BDD, and DDD. Stack: MEF, Prism,
Caliburn.Micro, PostSharp, Unity, TeamCity CI.

Software Development Engineer
2010 — May 2011

polyright SA

C# 4.0, Silverlight, RIA Services, Entity Framework, Prism,
MEF. Coached a team of 8 and established the client
architecture using DDD, MVVM and DI. Built RFID access card
management platform.

Software Engineer
Apr 2010 — Jul 2010

Private Bank

Architecture definition and first iteration of a new
project. WPF, Prism, MVVM, Unity, Agile/Scrum.

Software Developer Engineer
Mar 2009 — Apr 2010

CASRA/APSS · Zürich

Security research applications at the Center for Adaptive
Security Research and Applications (University of Zurich).
First experience with Scrum.

C# Developer / WPF Specialist
Dec 2008 — Feb 2009

Swiss Timing

WPF specialist helping the team adopt the technology.

WPF / C# Developer
Jul 2008 — Dec 2008

ST-Innovation (Swiss Timing)

WPF consultant in a Swiss Timing subsidiary based in
Germany.

R&D Software Engineer
Mar 2007 — Jul 2008

Swiss Timing

R&D software engineering.

EDUCATION

HE-Arc Ingénierie

HES, Software Engineering · 2002–2006

CERTIFICATIONS

Professional Diploma in UX Design

UX Design Institute · Jan 2025

PSM I — Professional Scrum Master

Scrum.org

LANGUAGES

English

Native or bilingual

French

Native or bilingual