

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
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SKILLS

Backend

C# / .NET
ASP.NET Core
Python
Event Sourcing
Domain Driven Design
Microservices

Frontend

React
Angular
TypeScript
WPF / Prism

Practices

TDD / BDD
SOLID / DI / IoC
Agile / Scrum
CI/CD
Git / Gitflow

Other

SQL / NoSQL
UX Design & Research
Multithreading / Async

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