



Luca Trazzi

Full-stack Developer - Front-end Engineer - Coach

"Obstacles don't have to stop you. If you run into a wall, don't turn around and give up. Figure out how to climb it, go through it, or work around it." – Michael Jordan

Experience

- 09/2024–Present **wsdk**, adesso Schweiz AG, Post, Lugano.
Expert Software Engineer - Full-stack Tech Lead - Team Head
Public administration project
dotnet 8, k8s, argocd, angular
- 02/2024–Present **Sdweb - Contentbroker**, adesso Schweiz AG, Swisscom, Lugano.
Expert Software Engineer - Full-stack Tech Lead - Team Head
building a central "content" broker for a new system being built that will replace the admin.ch website
high traffic, high performances and low footprint is necessary
golang 1.22, elasticsearch, k8s, argocd, nestjs, caddy, livingdocs
- 06/2022–04/2024 **Quickline Energy Backend**, adesso Schweiz AG, Quickline Energy, Lugano.
Expert Software Engineer - Full-stack Tech Lead - Team Head
building a central backend to handle the provisioning, deprovisioning, and data of thousands of smart meters
performances were a critical factor due to high number of data and lot of responsibilities
dotnet 8, k8s, gitops, docker, angular, orleans, azure, argocd, rabbitmq, grpc, postgresql, timescaledb
- 02/2023–10/2023 **Quickline Transformation**, adesso Schweiz AG, Quickline, Lugano.
Expert Software Engineer - Full-stack Architect - Team Head
co-leading the transformation of a very big system from .net 4.8 to 6
assessing the stability and performances of k8s cluster
dotnet 4.8, 6, k8s, mssql, rancher

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- 02/2023–07/2023 **Finwell portal**, *adesso Schweiz AG*, axa, Lugano.
Expert Software Engineer - Front-end Coach - Team Head
leading the transformation of the axa insurance portal from javascript with 0 tests to typescript
react, typescript
- 12/2021–05/2022 **Agropolis - Garaio**, *Triman GMBH*, Garaio, Chiasso.
Full-stack Developer - Front-end Engineer - Coach
a double web-application (customer & admin) for handling offer, prices, discounts, etc of the Fenaco group.
dotnet core 3.1, azure functions (serverless), react, azure, TDD, docker, azure DevOps, kendo ui
- 12/2021–05/2022 **AB2V - Garaio**, *Triman GMBH*, Garaio, Chiasso.
Full-stack Developer - Front-end Engineer - Coach
a azure devops extension that allows the company to log directly in the Vertec (time booking) system.
net6, react, azure, TDD, DDD, docker, azure DevOps
- 01/2021–12/2021 **Landi - Garaio**, *Triman GMBH*, Garaio, Chiasso.
Full-stack Developer - Front-end Engineer - Consultant
reimplementing part of the ecommerce to support new functionalities requested by the customer, such as orderability, shipping, payment, etc in their website (<https://landi.ch>).
net4.8, vue, compositel, azure
- 6/2020–05/2022 **Quickline - Garaio**, *Triman GMBH*, Garaio, Chiasso.
Full-stack Developer - Front-end Engineer - Consultant
implementing new changes requested by the customer for their public website (<https://quickline.ch>).
net4.8, vue, umbraco, azure
- 04/2019–06/2020 **kairos**, *Personal*.
Full-stack Developer - Front-end Engineer - Architect
it's a free and public product, available at <https://kairos.rocks>.
selfmade PWA for handling enter-exit times - holiday-vacation-illness - extratime.
I did it because I needed such a tool and I wanted to stress-test and learn issues about scalability.
dotnet core 3, Redis, EventStore, PWA, react, Redux, CQRS, TDD, DDD, ES, docker, k8s
- 11/2019–02/2022 **CVTool - Garaio**, *Triman GMBH*, Garaio, Chiasso.
Full-stack Developer - Front-end Engineer - Architect & Coach
creating a new product that allows companies and users to share curriculums with customers
this product allows to have shared data regarding technologies, projects etc and to export in different templates for different customers
it was meant to be sold as a PAAS.
dotnet 6, azure Functions (serverless), PWA, react, Redux, azure, CQRS, TDD, DDD, ES, docker, azure DevOps

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- 11/2019–03/2020 **Visits - Garaio REM, Triman GMBH, Garaio, Chiasso.**
Full-stack Developer - Front-end Engineer - Architect & Coach
Creating a new product which a classic web-app system built on Kubernetes, with some docker containers.
This product is used for creating inspection of existing buildings and calculate costs of material and must work also offline.
dotnet core 3, Redis, PWA, react, Redux, azure, CQRS, TDD, DDD, ES, docker, k8s, azure DevOps
- 9/2019–2/2020 **Quickline - Garaio, Triman GMBH, Garaio, Chiasso.**
Full-stack Developer - Front-end Engineer - Consultant
Assisting as consultant to a new web-app made with a CMS.
umbraco, webpack
- 12/2018–12/2020 **DAP - Garaio REM, Triman GMBH, Garaio, Chiasso.**
Full-stack Developer - Front-end Engineer - Architect & Coach
Replacing an existing product which a complex system built on Kubernetes, with a lot of docker containers.
This product is used for digitalizing the enter & exit of the people from the rents and must work also offline.
dotnet core 2.2, Postgresql, PWA, react, Redux, azure, CQRS, TDD, DDD, docker, k8s, azure DevOps
- 11/2018–06/2019 **Portal - Swisscom, Triman GMBH, Garaio, Chiasso - Zurich.**
Full-stack Developer - Front-end Engineer - Coach
Replacing the existing Swisscom portal for handling the purchase of devices, accessories and mobile subscription.
Angular 7, NGRX, Typescript, Karma, groovy
- 04/2018–09/2018 **eDecide - SBB, Triman GMBH, Garaio, Chiasso.**
Full-stack Developer - Front-end Engineer - Team Leader
Replacing an existing application made on Sharepoint for the handling / organization / decision of all the meetings in the SBB.
dotnet core 2.1, MS SQL, Angular 6, NGRX, Typescript, Karma, azure, CQRS, TDD, DDD, docker, azure DevOps
- 07/2017–11/2018 **MILO5, Triman GMBH, Garaio, Chiasso.**
Full-stack Developer - Front-end Engineer
Working on a new CRM for the military department of Switzerland for the handle / organization / decision of all the meetings in the SBB.
ASP .NET, MS SQL, Angular 5, NGRX, Typescript, Karma

- 08/2016–06/2017 **VisecaOne Strong Authentication - new Implementations**, *Fincons Group SA, Aduno Gruppe SA, Bedano (Lugano).*
Full-stack Developer - Front-end Engineer
Working on existing web-application because two major Aduno web-applications we will be integrated here
ASP .NET Web Forms, Web Api 2, MS SQL, Git, Kentico 8, Angular, TDD, Typescript, Node.Js, Karma, Protractor, Gulp, TeamCity, Octopus
- 12/2015–07/2016 **AdunoAccess Rework 2016**, *Fincons Group SA, Aduno Gruppe SA, Bedano (Lugano).*
Full-stack Developer - Front-end Engineer
Rework of the web-application adunoaccess.ch, where the merchants can review the transactions and statements registered with the Aduno terminals
ASP .NET MVC 5, Web Api 2, MS SQL, Git, Angular, TDD, Typescript, Node.Js, Karma, Protractor, Gulp, Jenkins, OAuth 2
- 12/2015–03/2016 **mPos AnyPay**, *Fincons Group SA, Aduno Gruppe SA, Bedano (Lugano).*
Lead Full-stack Developer - Front-end Engineer
New web-application for the promotion and selling of the new Aduno mobile terminal
ASP .NET Web Forms, Web Api 2, MS SQL, Git, Kentico 8, Angular, TDD, Typescript, Node.Js, Karma, Protractor, Gulp, Jenkins
- 04/2015–11/2015 **VisecaOne Strong Authentication**, *Fincons Group SA, Aduno Gruppe SA, Bedano (Lugano).*
Full-stack Developer - Front-end Engineer
New web-application, for enabling Strong Authentication of Aduno partners
ASP .NET Web Forms, Web Api 2, MS SQL, Git, Kentico 8, Angular, TDD, Typescript, Node.Js, Karma, Protractor, Gulp, Jenkins
- 04/2013–03/2015 **Cashgate Rework 2013**, *Fincons Group SA, Aduno Gruppe SA, Bedano (Lugano).*
Full-stack Developer
Rework of the web-application cashgate.ch, where the users can request private credits or leasings
C#, ASP. NET Web Forms, MS SQL, TFS, Kentico 7, JQuery, JQuery Mobile, Knockout
- 09/2012–03/2013 **Aduno Rework 2012**, *Fincons Group SA, Aduno Gruppe SA, Bedano (Lugano).*
Full-stack Developer
Rework of the web-application aduno.ch, which is used for the promotion and selling of the Aduno Partners products (pos terminals, etc)
C#, ASP. NET Web Forms, MS SQL, TFS, Kentico 7, JQuery, Knockout

- 06/2012-09/2012 **GFRT NextGen**, *Avanade*, Philip Morris International, Rozzano (Milano).
Lead Technical developer
Migration of GFRT, with following features:
– 3.5 Framework to 4.0 Framework
– Excel 2003 to Excel 2010
– Command Bars to Ribbon
VB.NET, C#, Office 2003 Addins, Office 2010 Ribbons, Oracle, Visual Source Safe, TFS
- 02/2011-05/2012 **GMRB NextGen**, *Avanade*, Philip Morris International, Rozzano (Milano).
Technical developer
Migrating the Most Important Budgeting Tool of PMI from 1.1 Framework to 3.5 Framework, with new Integration Tools, like automated tests, automatic builds and deploy tools
VB.NET, C#, Oracle, HG / Mercurial, Visual Source Safe, TFS, MsBuild
- 03/2011-09/2011 **Tabs & Bart**, *Avanade*, Philip Morris International, Rozzano (Milano).
Full-stack developer
Developing a complete new a Complete and Innovative Budget Tool which will replace the most important one in PMI which has been active since 2000
ASP .NET MVC 2, C#, JQuery, NHibernate, MS SQL, WCF, HG / Mercurial
- 09/2009-02/2011 **eLearning**, *Avanade*, Philip Morris International, Rozzano (Milano).
Lead Technical developer
– Developing new Flash eLearning with inherited AS2 Player
– Developing new Flash eLearning Player AS3
– Developing new Bug Tracker Tool
Actionscript 2.0, Actionscript 3.0, Adobe Creative Suite 3/4/5, Adobe Captivate, Visual Source Safe, JQuery, ASP.NET MVC 1, C#, MS SQL
- 05/2009-09/2009 **ZURICH**, *Avanade*, Zurich Insurance, Milano.
Junior developer
Developing new functionalities for existing Insurance Tool and creating Automated Tests
ASP.NET 3.5, VB.NET, MS SQL, IBM RFT
- 02/2009-04/2009 **FIAT SQP Evolutive 2009**, *Avanade*, FIAT, Milano.
Junior developer
Developing new Financial / Stocking / Business tools for FIAT
C#, MS SQL

Skills & Knowledges

Programming Languages

c#

typescript

golang

lua

javascript

actionscript

vb.net

latex

Front-end

frameworks **react**

nextjs

angular

redux

angularjs

pwa

vue

svelte

JS World

testing **jest**

mocha

karma

protractor

cypress

playwright

packaging **npm**

bun

pnpm

Back-end

frameworks **net 8**

golang

nestjs

Docker

docker

argocd

orchestrators **k8s**

docker-compose

openshift

Desktop

windows presentation foundation

windows forms

Repositories

git

mercurial

team foundation server

Patterns

solid

test-driven development

unit testing

integration testing

e2e testing

cqrs

event sourcing

domain driven design

Database

RDBMS **microsoft sql**

postgresql

timescaledb

mysql

sqlite

oracle sql

NoSql **redis**

elasticsearch

cassandra

dgraph

raven db

mongo db

Queues

rabbitmq

Planning

Agile **scrum**

kanban

CMS

kentico

umbraco

SO
archlinux
macos
windows
ubuntu

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Education

- 2023 **Certification**, *Linux Foundation*, Lugano.
CKAD - Certified Kubernetes Application Developer
- 2016 **Certification**, *Compass, AG*, Lugano.
Software Security
- 2015 **Certification**, *Compass, AG*, Lugano.
Software Security
- 2014 **Certification**, *Compass, AG*, Lugano.
Software Security
- 2013 **Certification**, *Kentico*, Lugano.
Kentico 7 Certified Developer
- 2008–2012 **Degree**, *Insubria University*, Como, *100/110*.
Doctor in Software Development
- 2011 **Certification**, *British Institute*, Seregno, *B1*.
English Certification
- 2002–2007 **Diploma**, *ITC Romagnosi*, Erba.
Accountant and Software-Developer High-School Diploma

Personal Skills

- Very Efficient Problem-Solving skills
- Very Proactive / Pro-positive
- High Technology Passion, always studying on free time for new technologies
- Highly adaptable to different environments / situations
- Highly recognized as great Team-Worker

Others



Languages

Italy **Mothertongue**
English **Advanced**
German **Beginner**

studying

Interests

Gamer
Ski
Futsal

ex pro-gamer
parents from Trentino-Alto-Adige

Additional Informations

I am a 100% deaf guy, with cochlear implant

I have no troubles on hearing on normal work spaces, only troubles I can get is when I have phone calls on English and when I am on noisy places

Said this, I obviously have **superpowers**, the best one is that I can stay in open spaces, and never be disturbed

So, if you want to reach me, you better use some video call programs / chat programs

Luca Trazzi