

EXPERIENCE

Permanent TSB

MARCH 2019 - PRESENT

Senior .NET Developer

- Implemented Payment Services Directive 2 (.NET Core, IIS, TFS).
- Refactored old code to have a solid base for the future.
- Developed a test library for model validation. A similar implementation is on my *GitHub*.
- Developed code to SQL library to sync environments since EF Core migrations were not an option.
- Developed a logging, extendable, middleware with Serilog.
- Architected part of the infrastructure and policies of the project.

PassperTu

MAY 2017 - MARCH 2019

Lead Developer

- Architected and developed cloud infrastructure for search engine (.NET Core, NGINX, Docker, Kubernetes, Azure).
- Designed and developed frontends to work with the cloud platform (Angular 2+, Ionic).
- Built CI/CD pipeline for servers, clients and packages with Azure DevOps (VSTS).
- Led a team of 5 developers of different experience and skillset.
- Mentored junior developers on both frontend and backend.

Point Security Software

JUNE 2010 - MAY 2017

Frontend Developer

- Developed desktop, mobile and web user interface to manage alarm systems (*WPF MVVM, EF, Xamarin, Asp.NET*).
- Developed a support ticketing platform, both backend and frontend.
- Designed mockup for all platform.
- Implemented low-level alarm system TCP protocols.

PROJECTS

HTML Label 🐙

2017

- Developed a custom Xamarin Forms component to display HTML content.
- Maintained the plugin for the last 3 year.
- Package downloaded more than *75k* times.

CouchDB .NET 🐙

2019

- Developed a .NET driver for the NoSQL database CouchDB.
- Used reflection and expression tree to convert *LINQ into JSON*.

ThinkAsync 🐙

2018

- Developed a blog PWA (progressive web app) using StencilJS, ContentfulCMS, Azure (Functions, Storage, CDN, DevOps).
- Built on web components, prerendered and servered with Azure Storage.
- A fork for my person blog can be found at *thinkasync.tips*.

ActorBase 🐙

2017

- Developed a NoSQL key-value distributed database in team as school project.
- Led the team, architected the infrastructure and developed the core components.
- Database is built with Scala and Akka following the *actor model*.

EDUCATION

University Of Padua

2013 - 2017

Bachelors

Computer Science

ITIS Barsanti

2008 - 2013

High School

Computer Science

SKILLS

Azure, C#, .NET Core, EF Core, HTML, CSS, JS, Typescript, Angular, Ionic, StencilJS, Docker, Kubernetes, XAML/UWP, TFS, VSTS, Agile, DevOps, Photoshop

INTERESTS AND HOBBIES

Drawing, Learning, Driving, Gym, Cooking