Matteo Bortolazzo

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thinkasync.tips

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 seach 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.
- Mainteined 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 districuted database in team as school project.
- Leaded 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