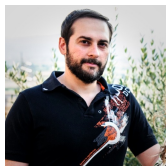# Diego Santinelli
.NET Developer

Software developer, maker, passionate about electronics and CAD
Always looking to match my passions in new technologies, IT and automation.

Birth 25-07-1985

Phone +39 351 8920692

Mail santinelli.diego@gmail.com

Employment History

Full Stack .Net Software Developer / Remote

340 Basics / Nuvem   2022/7–Now   Italy

Developed internal applications for managing claims, patients, and users within the 340B program.
- Implemented infrastructure for Single Sign-On (SSO), facilitating a smooth transition for existing users
- Utilized the Microsoft stack, including Vite and React, for site development.
- Generated reports using Power BI to support data-driven decision-making processes.

.Net WPF / MVC / CI / Software Developer / Remote

IT Energy   2017/9–2022/7   London / Italy

Developing SAT a worldwide desktop application for SGS, using MVVM and WPF for oil inspection and pdf reports.
I was responsible for the development of new code and the refactoring in order to reduce technical debt the application got through the years using SOLID, code reviews and pair programming.
Mainly focusing on:
- Create and maintain the CI-CD system, using Azure Devops.
- Creating from the ground a test suite framework, improving the coverage.
- .Net Core migration (project migration, controls rewrite, database moved to code first).
- Added logging system Azure Application Insight for real time exception tracking to improve bugs discovery and reduce hotfixes time.
- Created unit of work pattern and services with DI to improve isolation.
- Viewmodel dependency isolation and memory leaks assessment.
- Add new features to SIR project (MVC application) that stores SAT data.

.Net WPF Software Developer

RX Systems / Emis Health   2015/5–2017/9   Watford

Developing ProscriptConnect, a client server application using MVVM and WPF for dispensing prescriptions in UK pharmacies with a distributed database.
using WCF, E.F, SQL Server 2008, creating custom controls using XAML in Visual studio 2013/15.

.Net MVC Software Developer

Sei Consulting   2014/10–2015/05   Italy

.Net programmer C# / WP8 / WPF implemented new features in existing tender procedure website.
 I designed a portal for the management of Chinese investments in Italy, using Razor, MVC, Sqlserver2008

ASP / WP8 .Net Developer

SoftPro/Telemedware   2013/07–2014/05   Italy

Maintenance and implementation of new features for the back-end and frontend panel of Facilecare platform for telemedicine using ASP.
As Windows Phone programmer, developed applications, for healthcare, interfacing electro-medical wireless i (bluetooth), display realtime graphics, localization - geofencing and communication with custom services.
Design of rehabilitation program in WPF and Kinect for Windows, skeleton tracking and gesture recognition

Languages		Frameworks		Hardware		Misc	
C#	Advanced	**.NET**	Expert	**Pic10/12/18**	Beginner	**Fusion 360**	Expert
VB.NET	Advanced	**WPF**	Expert	**Eagle**	Beginner		
React	Beginner	**E.F.**	Expert	**ESP32**	Beginner		
VHDL	Beginner			**RTOS**	Beginner		
Python	Beginner						

Languages

Italian   Native speaker

English   Full professional proficiency

Personal Project

WP8 Bluetooth library   https://github.com/bgvsan/wp8_bluetooth_library

RGB led board with pic 12f1572 and bluetooth module   https://github.com/bgvsan/blutooth_RGB

Interest

Sports   Go Kart and Motorsport

Electronics   Fascinated by low level programming and 3D modeling

Cooking   Passioned experimenter of new tecnics