

Stefano Branca

.NET DEVELOPER

s.branca@protonmail.com | +39 3516513678 | Orsago, Veneto
LinkedIn: <https://www.linkedin.com/in/stefano-branca-46691052/>

SUMMARY

Experienced .NET Developer with 8+ years of experience building desktop and web applications using C#. Proficient in WPF, Blazor, and REST APIs. Strong background in 3D mesh/NURBS modeling and CAD plugin development. Experience with various data protocols including OPCUA and MQTT.

CORE COMPETENCIES

C# • .NET • WPF • Blazor • OPC UA • 3D Modeling & CAD Development

KEY ACHIEVEMENTS

- Developed 3D interactive WPF applications and OPC UA compliant servers
- Created CAD plugins for Rhinoceros and automated industrial workflows

Italian • EU Work Authorization

I authorize the processing of my personal data pursuant to Italian Legislative Decree 196/2003 and subsequent amendments.

SKILLS

Core Development: C#, Python, .NET Framework 4.8, .NET Core 8, WPF, Blazor

Communication & Protocols: OPCUA, MQTT, REST, WebAPI

Infrastructure & Database: Git, SVN, SQL, MySQL, Microsoft SQL Server, MongoDB

3D, CAD & Industrial Automation: Blender, Rhinoceros, Fusion 360, CNC, PLC, Kuka

EXPERIENCE

.Net Developer — 2022-01-10 - Present

Alten | Remote

Full-stack .NET developer building enterprise applications

- .Net application built on Framework 4.8 with WPF Client featuring 3D interaction
- Server OPCUA compliant with OPCUA Foundation
- Porting of an old website into a new framework to manage marketing and sales process for a big hardware company
- Network tool to automatically generate reports on device status optimized to drastically reduce the time to debug the issue

Skills: C#, .NET Framework 4.8, WPF, OPCUA

.Net Developer — 2020-09-01 - 2021-12-31

Hoelscher

CAD plugin development for Rhinoceros

- .Net plugin created for Rhinoceros (CAD software) to assist the facade engineering workflow

HCMi - CAM Developer — 2018-11-01 - 2020-08-31

Sistec

Industrial automation and CAD-CAM development

- .Net application built on Framework 4.6 supervisor for automated cell with Robot CAD-CAM
- Python: Kuka data scraping and PLC data scraping

3D Developer & Consultant (Freelance, part-time) — 2016-03-01 - 2019-04-30

Freelancer

Part-time freelance work carried out alongside full-time employment: independent consultant for 3D modeling, rendering, and automation

- Creation of plugins for Rhinoceros and Blender
- ArchViz rendering and animation
- CNC automation with focus on toolpath optimization for manufacturing companies

TOOLS

Visual Studio 2026, Blender, Jenkins, Rhinoceros, Proxmox, Odoo, Podman

VOLUNTEER EXPERIENCE

Mentor — 2023-01-01 - Present

Open Source Community

Mentoring junior developers in C# and .NET best practices.

EDUCATION

Design — 2011-09-01 - 2014-06-30

Isia Pordenone

Product Design

High School Diploma — 2009-09-01 - 2011-06-30

Liceo Scientifico XXV Aprile

Scientific Lyceum

CERTIFICATES

Coursera Certified — IBM — 2026

Coursera Certified — IBM — 2021

AWARDS

Hackaton — 2023-11

Tech Industry Summit

Awarded for the development of an optimized device reporting tool.

PUBLICATIONS

Blender plugin for Cad-Cam application — 2022-02-01

PnLug

A integration to use blender to simulate 3D collision and cinematic for 5axis plus

LANGUAGES

Italian (Native) | English (Fluent) | German (Basic)

INTERESTS

Home Automation • Robotics • Hiking