

Radosław Dąbrowicz

Senior .NET Developer

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PROFILE

I am a Senior .NET Developer with 25 years of commercial experience in C# and C++, currently building software that moves engineering data into SAP at Hitachi Energy. Most of my career has been spent on products for engineers: CAD-integrated design and calculation tools, commissioning software for ABB drives, and restaurant point-of-sale systems. I care about software craftsmanship: clear architecture, code review, automated tests and a CI pipeline that makes every release routine. Beyond writing code, I have owned CI in Azure DevOps, built product installers, acted as Scrum Master (PSM I) and mentored less experienced developers. I work best in small teams that own their product end to end, from design and code through CI to release and user support.

EXPERIENCE

Senior .NET Software Developer · Hitachi Energy

May 2020 – present

In a small Scrum team, I develop applications that transform engineering data and upload it to SAP through the RFC connector, with WPF and Angular front ends. I own the CI pipelines in Azure DevOps, the installer and releases, and support users directly.

Technologies: C# (ASP.NET Web API, WPF), Angular, TypeScript, SAP RFC / BAPI, MuleSoft, Azure DevOps Services, Azure SQL, Azure Storage, Azure Application Insights, WiX Toolset, GitHub Copilot

Senior .NET Software Developer · ABB

Jan 2015 – Apr 2020

Built Drive Composer, Drive Startup and Step Designer, used to commission and maintain ABB drives. Designed the architecture, set up the team's development process (code style, analyzers, code review, unit tests, coverage) and CI in Azure DevOps, and mentored colleagues.

Technologies: C# (WPF, WinForms, Entity Framework, OPC DA), MySQL, C++ (Ethernet and COM-port communication, WCF services), IronPython, PowerShell, Git, Azure DevOps Services, WiX Toolset

Senior .NET Software Developer · LSI Software

Oct 2013 – Dec 2014

Developed Nowe Gastro, sales, stock and kitchen software for restaurants running on PCs and POS terminals, and its networked version, Gastro Centrala.

Technologies: C# (WinForms, DataSets), SQL Server, T-SQL

Senior .NET Software Developer · Ministry of Regional Development

Apr 2013 – Sep 2013

Developed the "Baza wiedzy" portal for communication between local government employees, including its wiki, forum and user and team management modules.

Technologies: ASP.NET Web Forms, C#, SQL Server, HTML, JavaScript / jQuery

Senior .NET Software Developer · ArCADiasoft

May 2006 – Mar 2013

As developer and team leader, worked on CAD-integrated engineering software: ArCADia-Termo (gold medal at MTP Budma 2009, "Teraz Polska" badge), the Netman collaboration tool over XMPP, and sanitary installation design programs.

- ArCADia-Termo: thermal calculations and energy performance certificates for buildings.
- Data exchange with DIALux (lighting design) and the Leica DISTO laser distance meter.

Technologies: C# (WinForms, WPF, Entity Framework, WCF), C++ (WinAPI, XMPP, CAD integration through SDS/ARX)

Software Developer · Intersoft

May 2001 – May 2006

Developed CAD software for construction designers (InstalCAD, Arch-In-CAD, StalCAD, ŻelbetCAD), the Ceniwest cost estimator and the Konstruktor structural calculator.

Technologies: C# (WinForms), C++ (WinAPI, CAD integration through SDS/ARX)

SKILLS

Backend and desktop (.NET): C#, WPF, ASP.NET Web API, Entity Framework; also used: WinForms, WCF, ASP.NET Web Forms

Frontend: (also used) Angular, TypeScript, JavaScript / jQuery

Databases: SQL Server / T-SQL; also used: Azure SQL, MySQL

DevOps and delivery: Azure DevOps Services, Git; also used: WiX Toolset, PowerShell, Azure Storage, Azure Application Insights

Native and integration: C++; also used: SAP RFC / BAPI, MuleSoft, OPC DA, IronPython, XMPP (Jabber)

Practices and tools: Scrum; also used: GitHub Copilot

CERTIFICATES

Professional Scrum Master I (PSM I), scrum.org

LANGUAGES

Polish (native), English