



Daniel Sirz

Software Architect

With **over 20 years of experience**, I have successfully navigated the realms of software development and project management. My journey has been marked by a passion for creating innovative solutions, collaborating with cross-functional teams, and delivering impactful projects. As a seasoned professional, I bring a blend of technical expertise, leadership acumen, and a results-driven mindset to every endeavor.

Work experience

Caterpillar Energy Solutions GmbH

Software Architect
10/2016 – today

Organizational Tasks:

- As a technical owner of several modern web applications (based on Angular Frontend, C# Web API Backend), I take care for compliance, security, operations and vulnerability fixing.
- To get the required resources for our cloud infrastructure approved, I create Logical Technical Architecture diagrams (LTA), do Third Party Risk Assessments (TPRA) and communicate with cross-cultural and cross-functional teams distributed throughout the globe.
- Recruiting and Onboarding (Hardware ordering, Technical introduction, Troubleshooting) of external and internal developer resources.
- As a consultant for several internal business units, I take care for their requirements and communicate these to the development team.
- As an escalation manager, my role involves overseeing and handling escalated issues or incidents within an organization.
- As part of the global Cybersecurity program planning team, I implement various cybersecurity initiatives within our enterprise.
- I ensure that the development team has no impediments.
- Building a large people network for close collaboration.
- Planning and execution of repository migrations from Microsoft DevOps to GitHub and Azure Frontdoor migration to Radware cWAF.

Development Tasks:

- Work as part of a skilled development team, managing the complete lifecycle of our applications. Interface development and integration with internal and external APIs.
- Implementing, and integrating with a microservice-based architecture for multiple cloud applications running on Azure. Solution is based on containerized ASP.NET Core services with a heavy focus on asynchronous, message-based communication.
- Created a reporting infrastructure that synchronizes data from an OnPremises system to the cloud. Visualized the data with PowerBi and hosted the reports on Microsoft PowerBi Service ensuring security at first place.
- Technical consulting of internal developers from other business units.
- Replacing Legacy Tools like Excel or Access with modern webservice.
- Optimizing processes through automation.

Contacts

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🏠 Kloppenheimer Str. 50
68239 Mannheim
Germany

Education

➤ 10/2001 – 07/2007
B. Sc. in “Software- and Internettechnology”
University of Mannheim

➤ 1993 – 2001
High-school diploma
Albert-Einstein-Gymnasium
Frankenthal (Pfalz)

Languages

- German (native)
- English (fluent)

Marital Status

- Divorced, 2 children

Hobbies

- Tennis
- Volleyball

Skills

- C# and modern .NET
- Domain Driven Design
- Microservice Architecture
- Messaging
- SQL and MSSQL Server
- Entity Framework Core
- Unit Testing
- Azure Cloud Services
- PowerBi

Certifications

- Certified Professional for Requirements Engineering (CPRE)
- Logisticsmanager

Voluntary work

- since 2018 manager Volleyball department TSG Seckenheim e.V.

Work experience

CAIRO AG

Senior Consultant
11/2014 – 10/2016

As SharePoint Consultant:

- Successfully designed, developed, and deployed customized SharePoint solutions across various markets. These solutions enhanced collaboration, streamlined processes, and improved content management.
- Managed SharePoint and related projects, ensuring adherence to specifications and timely delivery.
- Identified opportunities for process enhancement, evaluating current and emerging technologies.

As Azure Architect / C# Developer:

- Successfully designed and implemented several internet facing projects for customers hosted on the Microsoft Azure platform. Provided internal leadership by coaching and mentoring team members.
- Giving various presentations at developer days.

syscovery netsoft GmbH

Consultant
04/2008 – 08/2012

As C# Developer:

- Developing solutions for our customers as part of a larger development team (10+ people).
- Became Product owner for a customer application. Taking care for the requirements implemented by a development team.
- Introduced Test-Driven-Development to the company, significantly reducing bug fixing times.
- Responsible for the deployment process of our software to the customer.

As SharePoint Consultant:

- Implemented several customer solutions based on SharePoint 2007 and 2010.
- Designed workflows based on the SharePoint workflow engine or product specific with Nintex Workflow.
- SharePoint Trainings in a corporate environment.

INTERTRANS GmbH - Europäische Verkehrsdienste

Developer
11/2014 – 10/2016

Responsibilities:

- Implemented a Tracking and Tracing system.
- Developed a customer portal for shipment registration in PHP and MySQL. with an interface to the freight forwarding program.
- Optimized several processes through digitalization.
- Provided support to our users.