

# CV - Wolfgang Ziegler

## Professional Experience

### Dynatrace (2023)

- Teamlead of the Java OneAgent team
- Principal Software Engineer on the Java OneAgent team

### Elastic (2022 - 2023)

- Principal Software Engineer on the APM .NET Agent team

### Dynatrace (2017 - 2022)

- Teamlead and Product Owner responsible for the Dynatrace OneAgent SDK, Serverless/FaaS (AWS Lambda, Azure Functions, GCF) monitoring and OpenTelemetry integration.
- Working as a Senior Software Engineer on the .NET Agent Team
- Low-level .NET (Core) performance monitoring based on the CLR profiling API.
- Collaborating on open source projects like .NET Core, SuperDump or ILVerify.

### Micro Focus (2008 - 2017)

- Working as a Lead Software Systems Developer in an agile development team
- Part of the research and innovation team Silk Think Tank.
- Developing and maintaining the load test product Silk Performer.
- Responsible for development of the network traffic capturing module (Silk Performer Recorder) and the low-level protocol replay engine.
- Product modernization using technologies like .NET, WPF, "modern C++".
- Improving and maintaining the automated build environment (make, MSBuild).
- Create and maintain a unit testing infrastructure for native and managed code.

### Fabasoft (2004 - 2008)

- Working as a Software Engineer in the Research and Development Internet / Client division.
- Responsible for developing and maintaining the Fabasoft .NET SDK.
- Designing and developing a WPF based RIA client.
- Designing and developing a Windows Forms based RIA client.
- Developing a RIA-ready application server interface.

### Ars Electronica Futurelab (2001 - 2004)

- Contract work in Virtual Reality and Multimedia projects.
- Contract work focusing on interaction between mobile devices and Virtual Reality environments using Windows Mobile (C/C++).
- Working on diploma thesis "The Palmist Project: A new Approach of Interaction in Virtual Environments" and diploma project (Windows Mobile C++ Framework for interaction with Virtual Reality Environments).

### Lebenshilfe Großbraming (1998 - 1999)

- Community Service

## Education

### Master of Computer Sciences 1999 - 2004

*Johannes Kepler University Linz*

Diploma Thesis: "The Palmist Project: A new Approach of Interaction in Virtual Environments"

### Matura (equivalent to A-level) 1990 - 1998

*Bundesgymnasium Freistadt (grammar school)*

Graduated with honors.

## Skills

### Programming Languages and Frameworks

- C/C++
- Rust

- .NET (Core)
- C#
- JavaScript, TypeScript
- Python
- Java
- Win32, COM

## Agile Practices

- Scrum
- Product Ownership
- Test Driven Development

## Certifications

**Microsoft Certified Professional Developer** 09/2012  
**Microsoft Certified Technology Specialist: .NET Framework 4, Data Access** 09/2012  
**Microsoft Certified Technology Specialist: Silverlight 4, Development** 07/2012  
**Microsoft Specialist: Programming in HTML5 with JavaScript and CSS3** 07/2012  
**ISTQB Certified Tester, Foundation Level** 04/2012  
**Microsoft Certified Solution Developer** 09/2005  
**Microsoft Certified Application Developer** 09/2005  
**Microsoft Certified Database Administrator** 03/2005  
**Microsoft Certified Systems Administrator: Messaging** 02/2005  
**Microsoft Certified Systems Engineer** 12/2004  
**Microsoft Certified Systems Administrator** 11/2004  
**Microsoft Certified Professional** 09/2004

## Language Skills

German (native language)  
English (fluent)  
Italian (basic knowledge)  
Spanish (basic knowledge)

## Interests

Sports and fitness  
Gadgets and electronics  
3D Printing  
Movies  
Reading