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 Großraming (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