

Johannes Rest

Johannes Rest IT Services

Email: johannes@jr-it-services.de

Mobile: +49 151 2300 1008

### Profile

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| **Surname** | **Rest** |
| **First Name** | Johannes |
| **Date of birth** | 1964 |
| **Nationality** | German |
| **Spoken Languages** | German, English |
| **Education** | 1985 Diploma1995 Physicist Diploma, University of Cologne |
| **Trainings** |  |
| **Role** | Software Engineer, IT Consultant, Software Designer, Architect |

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| **Soft Skills** | Excellent communication skills, Team player, analytical thinking skills, can quickly acquaint himself with new knowledge  |
| **IT Experience since** | 1995 |
| **Special areas of expertise** | Database development and –designDevelopment languages: C, C++, COM, C#, Visual Basic.NET Technologies (WWF, WCF, WPF)Microsoft Operating Systems: Windows 10, Windows Server 2012 R2Microsoft Development Tools: Visual Studio 2015, Visual Studio CodeMicrosoft Server Products: BizTalk Server 2016, SQL Server 2014, Team Foundation Server 2013Virtualization Technologies: Microsoft Client Application Virtualization, Microsoft Hyper-V TechnologyCode Reviewing |
| **Industry** | Insurance Reinsurance Banking |
| **Availability** | 01.02.2023 |
| **Possible Locations** | South Germany, Munich preferred, also remote |

## Expert knowledge

Knowledge Key : 1 = Specialist

 2 = Deep Knowledge

 3 = Good understanding

 4 = Base knowledge

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| **Subject** | **Technical area** | **Skills** |
| **Standard Software** | MS Office | 1 |
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| **Operating Systems** | Windows 10 / 11 | 1 |
| Windows Server 2019 | 2 |
| **Content Management Systems** | Microsoft Office SharePoint 2010 | 2 |
| **Hardware** | x86 | 2 |
| x64 | 3 |
| **Project Management** |  | 2 |
| **Business Process Management** | -- | -- |
| **Application Server** | Office SharePoint Server 2010 | 2 |
| **Networking** | LAN (Ethernet) / WLAN | 3 |
| HTTP, FTP | 2 |
| POP3, SMTP | 3 |
| **Infrastructure Services** | -- | -- |
| **Directory Services** | Active Directory  | 2 |
| **Development** | Java | 4 |
| C++ | 2 |
| C | 1 |
| SQL | 1 |
| C# | 1 |
| XML | 2 |
| SQL Server 2014 | 2 |
| Oracle | 4 |

# Project References

| **Zeitraum**01.2020 –12/2022 | Modernization software for calculation of risks of financial products  Product development of Web application for creating structural investment products | * Activities:
* Design of new product features
* Development
* NET: C# (Framework 4.7.2 - 4.8 and .NET 6 & 7)
* C++
* Svn source control system
* Jenkins CI/CD
* Azure DevOps CI/CD process prototype
* AWS Prototype for getting quotes via Amazon API Gateway / AWS Lambda
* AWS Step Functions to process banking data via workflow (prototype)
* Oracle: PL-SQL
* Silverlight 5
* Angular
* Java 5 / 8
* Windows Communication Foundation (WCF)
* Scrum process model
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| **Time Frame**04.2013 –12.201912.2019 | Development of Enterprise Application Integration Applications for MunichRE | Activities:* Design
* Development:
	+ .NET: C#
	+ Database Technology: SQL
	+ Microsoft Message Queuing
	+ BizTalk Server 2010 / 2013 (Private cloud):
		- Workflow
		- Interface Components
	+ SQL Server Integration Services SSIS
		- Data exchange with SAP systems
	+ calling Webservices / WCF Services
* Application-Support for EAI Solutions
* ETL Development using SQL Server Integration Technology (SSIS)
* BizTalk Troubleshooting
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| 08.2012 – 03.2013 | C# Development for a project dealing with structured banking products for a big bankUsed Technologies:* C# .NET Framework 4
* Silverlight 3
* Java 1.5
* Eclipse
* WCF
* REST Services Development
* ICEGrid
 | Activities:* Development
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| 04.2011 – 12.2011 | Enterprise Application Integration Munich RE* Migration Project to BizTalk Server 2010 (Private cloud)
 | Activity:* Development
* Conceptual working
* Design
* Consulting
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| 11.2010 – 04.2011 | Project FULVIA TQL* Creation of Workflows (BizTalk 2009 (Private cloud)) to produce necessary input data for the Risk Assessment for MEAG asset management
 | Activity:* Conceptual working & Design Orchestrations
* Development von .NET Components
* SSIS Packages for importing input data needed for financial instruments
 |
| 11.2008 -11.2010 | Foundation Johannes Rest IT ServicesProject Enterprise Application Integration (EAI) at Munich RE:* Architecture, Consulting, Design and Development using Microsoft BizTalk Server 2006 R2 (Private cloud)
* Prototype Development Connectivity for Cedents based on ACORD Standards utilizing SWIFT Networking infrastructure
 | Activity:* Architecture, Consulting Microsoft BizTalk Server 2006 R2 (Private cloud)
* Development / Design / Conceptual working to connect Backend systems
	+ Connecting a Prototype utilizing ACORD Standards via the SWIFT Network
* Implementation of custom Solutions using Visual Studio
* Maintenance of the developed solutions
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| 02.2008 ­ 09.2008 |

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| Application Development Consultant (ADC) in den areas:* Architecture and Consulting for .NET solutions
* Microsoft Office SharePoint Server 2007
* Microsoft BizTalk Server 2006 R2
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 | Activity:* Workshops for Developers
* Presentations and Workshops for BizTalk & SharePoint Developer audience
* Developer-Support for Microsoft-Technologies
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| *07.2006 – 01.2008*  |

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| Microsoft Technology Center Architect in den areas:* Core .NET architecture
* Microsoft Office SharePoint Server 2007
* Microsoft BizTalk Server 2006 R2
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 | Activity:* Design & Architecture reviews
* Application design
* Workshops
* Proof of Concept Workshops & Prototype Development
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| *06.2005 – 06.2006*  |

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| Development Business Process Outsourcing Platform (BPOpen) for Cap Gemini AG* Design and Implementation of the Core Work Item Service as integral part of the overall SOA architecture
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 | Activity:* Design central SOA service
* Implementation of the central work item service as part of the SOA Architecture
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| *04.2004 – 05.2005*  |

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| Backend Development for the Deutsche Post Retail (Titanium Project)* Development Correction adapter for BizTalk Server
* Team lead System Q+ (Creation of Preprocessing Data for the central Back End Systems for the Deutschen Post
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 | Activity:* Development Correction adapter for resubmitting of BizTalk messages
* Team lead project Q+
	+ Creation of Preprocessing Data for the central Back End Systems for the Deutschen Post
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|  *01.2004 – 03.2004*  |

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| Development Antaris Prototyp for Bayerischen Motorenwerke (BMW AG) |

 | Activity:* Core application design
* Database design
* Implementation of the whole application from ground up
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|  *08.2001 – 12.2003*  |

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| Development Poladis.NET for the police of the federal state Rhineland-Palatinate* Development of the Forms system for the central process tracking system for the police Rhineland-Palatinate
	+ Responsible for Design, concepts and implementation
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 | Activity:* Application design Print forms for the Police
* Conceptual working
* Implementation of requirements
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| *from 04.2000* |

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| Working as a consultant (later Senior Consultant) for Microsoft Consulting Services in Unterschleißheim, Area: E-Commerce |

 | Activity:* Software development
	+ ASP.NET
	+ Web Services
	+ Core .NET Technologies
	+ .NET Frameworks 1.1 and 2.0
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|  *1998 - 1999*  |
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| sd&m AG * Boehringer Mannheim: Integration testing in the project LSM (Laboratory Systems Manager)
* Schitag Ernst & Young
	+ Audit ISIS/CA
* Smith Kline Beecham (UK)
	+ Specification and Prototype-Development of a Laboratory Information Management System (LIMS)
* Hornbach-Baumarkt AG
	+ Implementation of a Data-Warehouse-Solution
* Bayerische Landesbank
	+ Product database for financial products for the Bayerische Landesbank
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 | Activity:* Review Software Architecture
* Database design and implementation
* Application design
* Implementation
	+ C++
	+ Oracle Forms
	+ SQL Server
* Team lead
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|  *1993 - 1995*  |
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| Scientific employee at the Institute for nuclear physics of the University of Cologne* Development of application software for the analysis of -ɣ-ɣ coincidence spectroscopy
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 | Activity:* Application design
* Implementation
	+ C++
	+ X11 / Motif
	+ SUN Solaris 3.1
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|  *1992*  |

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| Software-Engineer for the mbp datanorm Software GmbH* Adaption of their central production planning system (PPS)
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 | Activity:* Implementation
	+ C
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| *1989 - 1991*  | Scientific employee working for the Institute of Geophysics of the University of Cologne* Development of application software in the project "Global climate models“
 | Activity:* Implementation
	+ FORTRAN 77
	+ C
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| *1987*  | Software-Assistent Interatom GmbH * Adaption and development of software for reactor shieldings
 | Activity:* Implementation
	+ FORTRAN 77
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