

Johannes Rest

Johannes Rest IT Services

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### Profile

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| **Surname** | **Rest** |
| **First Name** | Johannes |
| **Date of birth** | 1964 |
| **Nationality** | German |
| **Spoken Languages** | German, English |
| **Education** | 1985 Diploma  1995 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 –design  Development languages: C, C++, COM, C#, Visual Basic  .NET Technologies (WWF, WCF, WPF)  Microsoft Operating Systems: Windows 10, Windows Server 2012 R2  Microsoft Development Tools: Visual Studio 2015, Visual Studio Code  Microsoft Server Products: BizTalk Server 2016, SQL Server 2014, Team Foundation Server 2013  Virtualization Technologies: Microsoft Client  Application Virtualization, Microsoft Hyper-V Technology  Code 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 –12.2019  12.2019 | 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 |
| 08.2012 – 03.2013 | C# Development for a project dealing with structured banking products for a big bank  Used Technologies:   * C# .NET Framework 4 * Silverlight 3 * Java 1.5 * Eclipse * WCF * REST Services Development * ICEGrid | Activities:   * Development |
| 04.2011 – 12.2011 | Enterprise Application Integration Munich RE   * Migration Project to BizTalk Server 2010 (Private cloud) | Activity:   * Development * Conceptual working * Design * Consulting |
| 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 Services  Project 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 |
| 02.2008 ­ 09.2008 | |  | | --- | | Application Development Consultant (ADC) in den areas:   * Architecture and Consulting for .NET solutions * Microsoft Office SharePoint Server 2007 * Microsoft BizTalk Server 2006 R2 | | Activity:   * Workshops for Developers * Presentations and Workshops for BizTalk & SharePoint Developer audience * Developer-Support for Microsoft-Technologies |
| |  | | --- | | *07.2006 – 01.2008* | | |  | | --- | | Microsoft Technology Center Architect in den areas:   * Core .NET architecture * Microsoft Office SharePoint Server 2007 * Microsoft BizTalk Server 2006 R2 | | Activity:   * Design & Architecture reviews * Application design * Workshops * Proof of Concept Workshops & Prototype Development |
| |  | | --- | | *06.2005 – 06.2006* | | |  | | --- | | 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 | | Activity:   * Design central SOA service * Implementation of the central work item service as part of the SOA Architecture |
| |  | | --- | | *04.2004 – 05.2005* | | |  | | --- | | 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 | | 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 |
| |  | | --- | | *01.2004 – 03.2004* | | |  | | --- | | Development Antaris Prototyp for Bayerischen Motorenwerke (BMW AG) | | Activity:   * Core application design * Database design * Implementation of the whole application from ground up |
| |  | | --- | | *08.2001 – 12.2003* | | |  | | --- | | 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 | | Activity:   * Application design Print forms for the Police * Conceptual working * Implementation of requirements |
| |  | | --- | | *from 04.2000* | | |  | | --- | | 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 |
| |  | | --- | | *1998 - 1999* | |  | | |  | | --- | | 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 | | Activity:   * Review Software Architecture * Database design and implementation * Application design * Implementation   + C++   + Oracle Forms   + SQL Server * Team lead |
| |  | | --- | | *1993 - 1995* | |  | | |  | | --- | | 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 | | Activity:   * Application design * Implementation   + C++   + X11 / Motif   + SUN Solaris 3.1 |
| |  | | --- | | *1992* | | |  | | --- | | Software-Engineer for the mbp datanorm Software GmbH   * Adaption of their central production planning system (PPS) | | Activity:   * Implementation   + C |
| *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 |
| *1987* | Software-Assistent Interatom GmbH   * Adaption and development of software for reactor shieldings | Activity:   * Implementation   + FORTRAN 77 |