

# Michael Geising

- SAP S/4® & HANA® DB Architekt & Developer
- Principal SAP® ABAP® Technology Developer
- SAP® Fiori UI5 Consultant & Developer
- SAP® Cloud Consultant & Developer



## Contact:

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- Web: [www.geising.com/](http://www.geising.com/)

## Strengths:

- Full-Stack development from frontend to HANA database
- Experience with several SAP® products in national and international SAP ® projects since 1997.
- Almost all projects included a wide range of tasks such as blueprinting, implementation, customizing and various programming tasks.
- Profound programming experience with SAP ® ABAP ® OO (since 2001)
- Since 2006 extensive experience in the development of CRM Web UI components, including a product development initiative of SAP SE and OpenText Inc.
- Extensive knowledge in the area of SAP mobility, i.e. SAP Fiori UI5 & Mobisys MSB® & SAP Build.me® & SAP AppGyver®
- Extensive knowledge in S/4 HANA® on-prem, S/4 HANA® Cloud, OData, SAP® Gateway, CAP, RAP, ABAP® CDS & native HANA development (CalcViews etc.), XSA, SQLScript, AMDP, SDI

## Personal Data:

- Nationality: German
- Language Skills
  - German - born and raised in Germany
  - English - educated and worked in the UK
  - Spanish - married into a Spanish family, language at home

## Professional Data:

- IT experience since 1995
- Experience with SAP® solutions since 1997
- Seit 2006  
**Freelance work.**  
Positions held:
  - SAP S/4® & HANA® DB Architect and Consultant (since 2018)
  - Principal SAP® ABAP® Technology Consultant (since 2003)
  - SAP® Fiori UI5 consultant and developer (since 2014)
  - SAP® Cloud consultant and developer (since 2020)
- October 1997 – August 2006  
**Permanent: for 2 SAP Consultancies.**
  - Senior SAP® R/3® Logistics & SAP® CRM Consultant.

## Educational Data:

- Course: "International Management with a Modern Language (French)"
- Bachelor of Arts, University of Bath, **United Kingdom**

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	<ul style="list-style-type: none"><li>• Course was taught in English <b>and</b> French</li></ul>
<b>SAP® Experience:</b>	<ul style="list-style-type: none"><li>• <b>SAP S/4 HANA® &amp; SAP HANA® DB</b> (extensive experience): Design, Customizing and Programming. <i>(Master Data, Customer Management, Service, Sales, ERMS, ABAP CDS, OData, SAP Gateway, Hana native Views &amp; Procedures, XSA, SDA, SDI)</i></li><li>• <b>SAP® Fiori UI5</b> (extensive experience): Design, Customizing and Programming. ABAP RESTful Application Programming (RAP) SAP Entity Manipulation Language (EML) in RAP ABAP Programming Model for Fiori (BOPF, Draft Handling) Fiori Elements &amp; Launchpad Customizing SAP Build.me® &amp; SAP AppGyver®</li><li>• <b>SAP® Cloud</b> (extensive experience): Design and Programming. Cloud Application Programming Model (CAP M) SAP Business Technology Platform (BTP) GitHub, CI/CD, REST API Tests with Postman</li><li>• <b>SAP® CRM</b> (extensive experience): Design, Customizing and Programming. <i>(Master Data, Campaigns, Marketing, Sales, Service, Case Management, SAP Records Management, ERP Integration, Middleware, CRM Analytics, PPM)</i></li><li>• <b>SAP® ERP Modules SD, MM (extensive experience):</b> Design, Customizing and programming.</li><li>• <b>SAP® ERP Modules PS, PP, CO, FI (working knowledge):</b> Design, Customizing and programming.</li><li>• <b>SAP® ABAP® Technologies (extensive experience):</b><ol style="list-style-type: none"><li>1. ABAP® Objects (Object oriented programming)</li><li>2. S/4: ABAP CDS Views, OData, SAP® Gateway and SAP® Fiori</li><li>3. HANA DB: native views, procedures &amp; Calc views</li><li>4. SAP HANA SDI (Smart Data Integration)</li><li>5. ABAP RESTful Application Programming Model (RAP)</li><li>6. SAP Entity Manipulation Language (EML) in RAP</li><li>7. SAP Cloud Application Programming Model (CAP)</li><li>8. SAP Programming Model for Fiori including draft handling</li><li>9. SAP® CRM &amp; ERP Mobility with the Mobisys Solution Builder MSB®</li></ol><ol style="list-style-type: none"><li>10. Programming technologies:<ol style="list-style-type: none"><li>a. SAP Fiori® UI5 &amp; SAP Fiori® Elements</li><li>b. Framework UI (CRM WebClient &amp; IC WebClient)</li><li>c. Component Workbench (Web UI)</li><li>d. AET – Application Enhancement Tool</li><li>e. JavaScript</li><li>f. SQLScript &amp; ABAP Managed Database Procedure (AMDP)</li></ol></li></ol></li></ul>

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	<ul style="list-style-type: none"> <li>g. BOPF – Business Object Processing Framework</li> <li>h. BRF+ – Business Rule Framework plus</li> <li>i. Rapid Application Development, Mash-Ups (EhP1 onwards)</li> <li>j. Model-View-Controller Technology (MVC)</li> <li>k. People-Centric User Interface (PC-UI)</li> <li>l. Business Object Layer (BOL) &amp; Design Layer</li> <li>m. Business Server Pages (BSP)</li> <li>n. Web Service Tool</li> <li>o. BSP Extensions (HTMLB)</li> <li>p. HTML + Javascript</li> </ul> <ol style="list-style-type: none"> <li>11. All enhancement possibilities (UI Sets, BAdIs, Spots, Pre- &amp; Post-Exits etc., EEWB, AET, Rapid Applications, Mash-Ups)</li> <li>12. SAP® Office-Integration (linking SAP® to major MS Office applications)</li> <li>13. Workflow</li> <li>14. Dialogue programming (incl. EnjoySAP-Controls)</li> <li>15. Reporting und Interactive lists</li> <li>16. Interface programming             <ul style="list-style-type: none"> <li>a. IDoc - Intermediate Document</li> <li>b. BDoc – Business Document (Middleware, MapBox, MBE, MEP)</li> <li>c. SAP Gateway &amp; OData</li> <li>d. EDI</li> <li>e. BAPI® - Business Application Programming Interface</li> <li>f. RFC - Remote Function Call</li> <li>g. XML</li> <li>h. WebServices (proxies, REST, SOAP, SOA Manager)</li> <li>i. SAP Enterprise Services</li> </ul> </li> <li>17. Forms (SAPScript &amp; SmartForms)</li> <li>18. Document, Content &amp; Knowledge Warehouse Management</li> <li>19. Transport management</li> <li>20. Patches und Release management</li> <li>21. Data migration in various forms (Legacy ↔ SAP®, SAP® ↔ SAP®)</li> </ol>
<p><b>Tools:</b></p>	<ul style="list-style-type: none"> <li>• <b>SAP Business Technology Platform (BTP)</b></li> <li>• <b>SAP Business Application Studio (BAS)</b></li> <li>• <b>Microsoft Visual Studio Code (VS):</b> node.js</li> <li>• <b>SAP HANA® Studio</b> with ADT (ABAP Dev. Tools) &amp; HDT (HANA Dev. Tools)</li> <li>• <b>SAP PI/PO</b> (Process Integration and Orchestration)</li> <li>• <b>Eclipse IDE:</b> Neon - to latest version</li> <li>• <b>SAP HANA SDA</b> (Smart Data Access)</li> <li>• <b>SAP HANA SDI</b> (Smart Data Integration)</li> <li>• <b>SAP HANA XSA</b> (Classic &amp; Advanced) &amp; <b>SAP WEB IDE</b> for SAP HANA</li> </ul>
<p><b>SAP® Releases:</b></p>	<ul style="list-style-type: none"> <li>• <b>SAP S4/ HANA®:</b> 1809 &amp; 1909 &amp; 2020 &amp; 2021 &amp; 2022 &amp; 2023</li> <li>• <b>SAP® ERP Releases:</b> 3.0, 3.1, 4.0, 4.5, 4.6, 4.7, ECC 6.0</li> <li>• <b>SAP® CRM Releases:</b> 3.0, 4.0, 5.0, 5.1, 5.2, 6.0, 7.0 (EhP1 to EhP4)</li> <li>• <b>SAP® Web Application Server:</b> 610 to latest version</li> </ul>
<p><b>SAP® Courses:</b></p>	<p><b>CRM:</b>  <i>CR100</i>      CRM Fundamentals</p>

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	<p><b>Logistics:</b></p> <p><i>LO050</i> Supply Chain Planning Overview <i>LO150</i> Processes in Sales &amp; Distribution <i>LO530</i> Warehouse Management <i>LO630</i> Technology Aspects in LIS <i>LO930</i> Logistics Information System (LIS) Reporting</p> <p><b>Portals:</b></p> <p><i>SAPEP</i> SAP® Enterprise Portal Basics <i>EP200</i> SAP® Enterprise Portal System Administration</p> <p><b>Basis (Programming):</b></p> <p><i>BC400</i> ABAP® Workbench: Foundations and Concepts <i>BC401</i> ABAP® Objects (object oriented programming)</p>
<b>Industries:</b>	<ul style="list-style-type: none"><li>• Engineering</li><li>• Telecommunication</li><li>• Public Sector</li><li>• Hardware manufacturer</li><li>• Commerce</li><li>• Pharmaceuticals</li><li>• Third-Party Software Development</li><li>• Insurance</li><li>• Utilities</li></ul>
<b>Projects *:</b>	<ul style="list-style-type: none"><li>• Since March 2021 <b>SAP</b>, Public sector, Walldorf, S/4 HANA Service (ICM – Investigative Case Management) Template development for law enforcement authorities Green field implementation of a system involving Web UI, Business Object Processing Framework (BOPF), ABAP CDS views, RAP – GenIL Integration with EML, OData, SAP® Fiori and native HANA views &amp; procedures, CalcViews, SAP HANA SDI &amp; XSA, SAP PI.</li><li>• June 2015 – March 2023 <b>Rail Power Systems</b>, Railmotive, Munich, SAP® CRM Rel. 7 (EhP4) &amp; SAP Fiori® &amp; SAP® ERP Rel. ECC 6.0. Sole SAP CRM consultant &amp; developer for the whole SAP CRM system. BP master data, middleware, CRM Analytics, Pipeline Performance Management (PPM), sales management, marketing. Set-up of a complete SAP Fiori® landscape and extension for SAP® CRM &amp; ERP SAP Cloud Prototype developments</li><li>• December 2018 – February 2021 <b>Stadtwerke München</b>, Utility sector, Munich,</li></ul>

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S/4 HANA® Module Customer Management & SAP® CRM Rel. 7 (EhP4)  
Green field implementation of a S/4 HANA® Customer Management system involving ERMS, ABAP® CDS view, OData, AMDP, SAP® Gateway and SAP Fiori® developments.

- October 2015 – December 2018  
**Bayerisches Landeskriminalamt (BLKA)**, Public Sector, Munich, SAP® CRM Rel. 7 (EhP4) & SAP PI/PO  
Software architect for all interfaces (approx. 60 in total)  
Enterprise Services, OData, Web Services, REST, SOAP, ABAP Proxy, SOA Manager, Business Object Processing Framework (BOPF), IDoc, BRF+
- January – October 2015  
**Hexal**, Pharmaceutical, Munich, SAP® CRM Rel. 7 (EhP2)  
BP master data, product management, mass processing of document data
- May – November 2014  
**Infineon Technologies**, Semiconductors, Munich, SAP® CRM Rel. 7 (EhP2)  
Pricing, IPC, BOL/GENIL Design, creation of Web UI components
- January – May 2014  
**Gieseke & Devrient**, High-End Security Technologies, Munich, SAP® CRM Rel. 7 (EhP1) & SAP® ERP Rel. ECC 6.0.  
Service Management (Incidents, Serv. Requests, Serv. Contracts, Serv. Orders), Installed Base (IBase), Middleware, ALE (Idoc)
- October – December 2013  
**Bosch AG**, remote  
Thermotechnology, SAP® CRM 7 (EhP2) & SAP® ERP Rel. ECC 6.0.  
Global template development. Sales management, ERP integration, Lean Order Management (LORD API)
- May 2012 – October 2013  
**Mobisys GmbH** (Mobile Information Systems GmbH), SAP Mobility, Mobilization of ERP und CRM Processes for Smartphones and Tablets on the basis of Apple iOS®, Android™, BlackBerry® and Windows 8.
- October 2011 – October 2013  
**Linde AG**, Gas & Engineering Division, Munich, Industrial Gases, SAP® CRM 7 (EhP2) & SAP® ERP Rel. ECC 6.0.  
Global template development and international rollout on the basis of CRM and ERP for master data, marketing, campaign, sales and service management, ERP integration, middleware, R/3 ATP. Project in cooperation with SAP Germany.
- August – September 2011  
**TÜV Süd**, Munich,

Service & Engineering Group, SAP® CRM 7 (EhP1) & SAP® ERP Rel. ECC 6.0. Upgrade from SAP® CRM Rel. 6.0 to 7 (EhP1). Developments in the areas of campaign management, Middleware incl. Multi-Exchange Project environment (MEP), CRM WebClient (Web UI).

- July – September 2011  
**Bosch AG**, Magdeburg/München,  
Thermotechnology, SAP® CRM Rel. 5.0  
CRM PC-UI: development in the areas of master data, activity & opportunity management.
- February 2011 – July 2011  
**OpenText Corporation (former IXOS)**, Munich,  
Third party product development, SAP® CRM 7 (EHP1)  
Full product cycle from early design stages to final development: integration of Digital Asset Management (DAM) & extended ECM in SAP® CRM Web UI.  
Technologies: Rapid Application development, Mash-Ups, Middleware. Interaction Center for Utilities (IC Util) & Accounting Interaction Center (AIC).
- July 2010 – May 2011  
**Swiss Re**, Zurich,  
Insurance, SAP® CRM Rel. 7  
CRM WebClient (Web UI): development/enhancements in the areas of master data, activity & opportunity management, SmartForms.
- April 2010 - January 2011  
**BRUNATA Wärmemesser GmbH & Co. KG**, Munich,  
Utilities, SAP® CRM Rel. 6.0 & RCM (Records & Case Management)  
CRM WebClient (Web UI) & IC Web Client: consulting and development/enhancements in the areas of master data, service, SAP Records Management, middleware.
- November 2009 – April 2010  
**T-Systems**, Munich,  
Personnel Management, SAP® ERP Rel. ECC 6.0.  
Creation of extensive BSP applications for Controlling (CO) master data and posting objects (business partners, profit centers, cost centers, internal orders etc.).
- August 2009 – November 2009  
**T-Systems**, Munich,  
Personnel Management, SAP® CRM 7.0  
SAP® CRM WebClient (Web UI): consulting and support of development team for various global service sector client (master data, sales, business intelligence BI/BW, SmartForms, WebService).
- June 2008 – July 2009  
**PARI GmbH**, Munich,  
Pharmaceutical industry, SAP® CRM 6.0 & SAP® ERP Rel. ECC 6.0.  
CRM WebClient (Web UI): coaching of the implementation and development team (master data, campaigns, marketing, sales, middleware, business intelligence BI/BW).
- February – May 2009  
**TÜV Süd**, Munich,  
Service & Engineering Group, SAP® CRM 6.0 & SAP® ERP Rel. ECC 6.0.  
Integration of new SAP® CRM 6.0 system in Multi-Back-End (MBE) environment.  
Consulting and development in CRM WebClient (Web UI), Middleware, MapBox.

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- April – September 2008  
**OpenText Corporation (former IXOS)**, Munich,  
Content Management (incl. SAP Case Management), SAP® CRM 6.0  
Full product cycle from early design stages to final development. Integration of OpenText's Document Access into SAP® CRM on the basis of Customer Interaction Center (CIC), IC WebClient & CRM WebClient using SAP Case Management, SAP Records Management, WebServices.
- April – Juni 2008  
**T-Systems**, München,  
Telecommunication, SAP® ERP Rel. 4.7  
Master data management (logistics) with the use of an internet portal.  
Development of a new, standalone BSP-application.
- October 2006 – March 2008  
**Siemens AG, Division CIO**, Munich,  
Companywide, SAP® CRM Rel. 6.0 & SAP® ERP Rel. 4.6, 4.7 & ECC 6.0.  
Creation of a global template on basis of CRM WebClient for master data, marketing, campaign, lead and opportunity management, middleware.  
Global Prototype of SAP AG for rollout of SAP® CRM Rel. 6.0.  
Framework UI (Web UI, CRM WebClient), Component Workbench, BSP + MVC technology, extensions to the BOL and Design Layer. Middleware in Multi-Back-End Environment (MBE).  
Design & integration of sales processes in ERP-systems of various releases.
- July 2006 – September 2006  
**Siemens AG, Division COM Service**, Munich,  
Services, SAP® CRM Rel. 4.0.  
Release Upgrade: 3.0 => 4.0  
APO-related planning of service personnel through custom-made internet portal (workflow-triggered).
- September 2005 – June 2006  
**Siemens AG, Division COM**, Munich,  
Engineering, SAP® R/3® Release 4.5B.  
Extension of existing system: Upgrade in logistics.  
High volume, fast-selling business involving bulk shipment of microchips.
- November 2004 – February 2005  
**Siemens AG, Division COM**, Munich,  
Telecommunication, SAP® CRM Release 4.0.  
Implemented module: Sales.  
IPC-configuration & pricing of complex products through custom-made internet portal (incl. web based programming with Business Server Pages & HTMLB)
- April 2003 – August 2005  
**Siemens AG, Division ICM Service**, Munich,

Service sector, SAP® Release 3.0.  
Implemented module: Service.  
APO-related planning of service personnel through custom-made internet portal.  
Project included workflow processes, web based programming using Business Server Pages and links into MS WORD using SAP Microsoft Office Integration.

- January 2002 – March 2003  
**Siemens AG, US-representation ICM N**, Boca Raton (Florida, USA),  
Engineering, SAP® R/3® Release 4.5B.  
Implemented modules: SD, MM, PS.
- March 2002 – June 2002  
**Siemens AG, Division ICM N**, Munich,  
Engineering, SAP® CRM Rel. 3.0.  
Implemented modules: Sales & Marketing.
- May 2001 – December 2001  
**Siemens AG, Division ICM N**, Munich,  
Engineering.  
Pilot project for the local companies in Belgium und Finland.
- October 2000 – May 2001  
**SSMC**, Shanghai (China),  
Engineering, SAP® R/3® Rel. 4.6C.  
Implemented modules: SD & MM.
- February 2000 – June 2000  
**Italtel**, Milan (Italy),  
Engineering, SAP® R/3® Rel. 3.1H.  
Implemented modules: SD.
- March 2000 – April 2000  
**RLC Madrid**, Madrid (Spain),  
Engineering, SAP® R/3® Rel. 4.0B.  
Implemented modules: SD.
- June 1999 – September 2000  
**Siemens AG, Division ICN CA**, Munich,  
Engineering, SAP® R/3® Rel. 4.5B.  
Implemented modules: SD & MM.
- January 1999 – May 1999  
**Siemens AG, Division ÖN BN**, Munich,  
Engineering, SAP® R/3® Rel. 3.1H.  
ABAP programming.
- January 1999 – September 1999  
**Siemens AG, Division QE**, Munich,  
Service sector, SAP® R/3® Rel. 3.1H.  
User support for modules SD, PP, CO & FI.
- October 1997 – December 1998  
**Siemens AG, Division ÖN MN**, Munich,  
Engineering, SAP® R/3® Rel. 3.0F.  
User support for modules SD, MM & PS.



