Michael Geising

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

Geising Consulting

Contact:	- Tel. 1: +34 - 644 00 74 79 - Tel. 2: +49 - 156 - 78 80 90 42 - Tel. 3: +49 - 151 - 56 96 96 46 - Email: freelance@geising.com - Web: 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, BTP, 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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	• Course was taught in English **and** French

SAP® Experience:	• **SAP S/4 HANA®** (extensive experience):
	Design, Customizing and Programming.
	(Master Data, Customer Management, Service, Sales, ERMS, ABAP CDS, OData, SAP Gateway, AMDP)
	
	• **SAP HANA® DB** (extensive experience):
	Design, Programming and Performance analysis/improvements.
	(Hana native Views, CalcViews, Procedures & Functions, XSA, SDA - Smart Data Access, SDI - Smart Data Integration, SQLScript)
	
	• **SAP® Fiori UI5** (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 & Launchpad Customizing
	SAP Build.me® & SAP AppGyver®
	
	• **SAP® Cloud** (extensive experience):
	Design and Programming.
	Cloud Application Programming Model (CAP M)
	SAP Business Technology Platform (BTP)
	GitHub, CI/CD, REST API Tests with Postman
	
	• **SAP® CRM** (extensive experience):
	Design, Customizing and Programming.
	(Master Data, Campaigns, Marketing, Sales, Service, Case Management, SAP Records Management, ERP Integration, Middleware, CRM Analytics, PPM)
	
	• **SAP ® ERP Modules SD, MM (extensive experience):**
	Design, Customizing and programming.
	
	• **SAP ® ERP Modules PS, PP, CO, FI (working knowledge):**
	Design, Customizing and programming.
	
	• **SAP ® ABAP ® Technologies (extensive experience):**
	  1. ABAP® Objects (Object oriented programming)
	  2. S/4: ABAP CDS Views, OData, SAP® Gateway and SAP® Fiori
	  3. HANA DB: native views, procedures & Calc views
	  4. SAP HANA SDI (Smart Data Integration)
	  5. ABAP RESTful Application Programming Model (RAP)
	  6. SAP Entity Manipulation Language (EML) in RAP
	  7. SAP Cloud Application Programming Model (CAP)
	  8. SAP Programming Model for Fiori including draft handlng
	  9. SAP® CRM & ERP Mobility with the Mobisys Solution Builder MSB®
	
	  10. Programming technologies:
	    a. SAP Fiori® UI5 & SAP Fiori® Elements

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  b. Framework UI (CRM WebClient & IC WebClient)
  c. Component Workbench (Web UI)
  d. AET – Application Enhancement Tool
  e. JavaScript
  f. SQLScript & ABAP Managed Database Procedure (AMDP)
  g. BOPF – Business Object Processing Framework
  h. BRF+ – Business Rule Framework plus
  i. Rapid Application Development, Mash-Ups (EhP1 onwards)
  j. Model-View-Controller Technology (MVC)
  k. People-Centric User Interface (PC-UI)
  l. Business Object Layer (BOL) & Design Layer
  m. Business Server Pages (BSP)
  n. Web Service Tool
  o. BSP Extensions (HTMLB)
  p. HTML + Javascript

11. All enhancement possibilities (UI Sets, BAdIs, Spots, Pre- & Post-Exits etc., EEWB, AET, Rapid Applications, Mash-Ups)
12. SAP® Office-Integration (linking SAP® to major MS Office applications)
13. Workflow
14. Dialogue programming (incl. EnjoySAP-Controls)
15. Reporting und Interactive lists
16. Interface programming
  a. IDoc - Intermediate Document
  b. BDoc – Business Document (Middleware, MapBox, MBE, MEP)
  c. SAP Gateway & OData
  d. EDI
  e. BAPI® - Business Application Programming Interface
  f. RFC - Remote Function Call
  g. XML
  h. WebServices (proxies, REST, SOAP, SOA Manager)
  i. SAP Enterprise Services
17. Forms (SAPScript & SmartForms)
18. Document, Content & Knowledge Warehouse Management
19. Transport management
20. Patches und Release management
21. Data migration in various forms (Legacy ⇔ SAP®, SAP® ⇔ SAP®)

Tools:	
	• **SAP Business Technology Platform** (BTP)
	• **SAP Business Application Studio** (BAS)
	• **Microsoft Visual Studio Code** (VS): node.js
	• **SAP HANA® Studio** with ADT (ABAP Dev. Tools) & HDT (HANA Dev. Tools)
	• **SAP PI/PO** (Process Integration and Orchestration)
	• **SAP NetWeaver Developer Studio** (NWDS)® 7.5
	• **Eclipse IDE**: Neon - to latest version
	• **SAP HANA SDA** (Smart Data Access)
	• **SAP HANA SDI** (Smart Data Integration)
	• **SAP HANA XSA** (Classic & Advanced) & SAP WEB IDE for SAP HANA
	• **SAP HANA Database Explorer** & SQL Analyzer

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SAP® Releases:	- **SAP S4/ HANA®:** 1809 & 1909 & 2020 & 2021 & 2022 & 2023 - **SAP® ERP Releases**: 3.0, 3.1, 4.0, 4.5, 4.6, 4.7, ECC 6.0 - **SAP® CRM Releases**: 3.0, 4.0, 5.0, 5.1, 5.2, 6.0, 7.0 (EhP1 to EhP4) - **SAP® Web Application Server**: 610 to latest version
SAP® Courses:	**CRM:** *CR100* CRM Fundamentals **Logistics:** *LO050* Supply Chain Planning Overview *LO150* Processes in Sales & Distribution *LO530* Warehouse Management *LO630* Technology Aspects in LIS *LO930* Logistics Information System (LIS) Reporting **Portals:** *SAPEP* SAP® Enterprise Portal Basics *EP200* SAP® Enterprise Portal System Administration **Basis (Programming):** *BC400* ABAP® Workbench: Foundations and Concepts *BC401* ABAP® Objects (object oriented programming)
Industries:	- Engineering - Telecommunication - Public Sector - Hardware manufacturer - Commerce - Pharmaceuticals - Third-Party Software Development - Insurance - Utilities

Projects *:	- Since March 2021
	  SAP, Public sector, Walldorf,
	  S/4 HANA Service (ICM – Investigative Case Management)
	  Template development for law enforcement authorities
	  involving Web UI, Business Object Processing Framework (BOPF), ABAP CDS views, RAP – GenIL Integration with EML, OData, SAP® Fiori and native HANA views & procedures, CalcViews, SAP HANA SDI & XSA, SAP PI, Prototyping with CAP.
	
	- June 2015 – March 2023
	  Rail Power Systems, Railmotive, Munich,
	  SAP® CRM Rel. 7 (EhP4) & SAP Fiori® & SAP® ERP Rel. ECC 6.0.

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Sole SAP CRM consultant & 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 & ERP
SAP Cloud Prototype developments

- December 2018 – February 2021
  Stadtwerke München, Utility sector, Munich,
  S4/ 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, RAP, 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

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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, compaign, 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,

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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.

- 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, compaign, 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.

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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.

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	- October 1997 – December 1998 **Siemens AG, Division ÖN MN**, Munich, Engineering, SAP® R/3® Rel. 3.0F. User support for modules SD, MM & PS.