

Profile: Matthias Böge (Dipl.-Inform.)

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Personal

Name: Matthias Böge
Address: Ahornweg 31
68723 Schwetzingen
Contact: matthias.boege@boege-consulting.com
+49 (171) 705 92 19

Skills

- Education:** • Diploma in Computer Science / Technical University
- Languages:** • German (native language)
 - English (business fluent)
- Technology:** • Data Warehouse and ETL chain
 - Regulatory reporting Bundesbank and ECB
 - Development of compiler & transpiler for generative programming
 - Data lineage
- Industry:** • Banking
 - Software producer
- Programming:** • SAS, 6.09 up to 9.4: BASE, Macro, SQL, AF/SCL, EG
 - Perl, Unix Shell
 - Git plus Bitbucket, Subversion, CVS
 - HTML
 - Delphi (incl. 10.3 Rio)
- Operating Systems:** • UNIX, Linux
 - MS Windows
 - Mac OS X
- Applications:** • Microsoft: Office 365, Visio, Project
 - Mac OS X: Office 365, ConceptDraw Office
 - JIRA, HP ALM, Mantis Bug Tracker
 - BitBucket, SmartSVN, WinCVS, TortoiseCVS, SmartCVS
 - Toad Data Modeler
 - TestComplete & TestExecute, AQTime
 - FinalBuilder
 - MindManager
- Functions:** • SAS development: Windows, Linux, HP-UX, Solaris (23 years)
 - Setup, maintenance & operation of test environments (7 years)
 - Project management in software development (9 years)
 - Team lead software development, agile (5 years)
 - 2nd/3rd level support for applications, on-call duties (13 years)
 - Development and execution of internal training courses (8 years)

Consulting Projects

Project:	Extraction of information for data lineage of SAS production systems, migration of an analysis system for credit risks to production readiness
Client:	Germany's largest bank, Frankfurt / Main, Germany (2019/01 – 2019/06)
Position:	SAS & Perl developer, IT consultant
Duties:	Analysis & data extraction from SAS SCAPROC files, migration of „departmental-grown code“ into production-ready state for existing DW landscape, SQL code cleansing
Technology:	SAS (Base, Macro, SQL), Perl, UNIX, ALM
Project:	Maintenance of Code Generator for Regulatory Reporting
Client:	Germany's largest bank, Frankfurt / Main, Germany (2018/01 – 2018/11)
Position:	SAS & Perl developer, IT consultant
Duties:	Redesign of code generator for Excel specification to SAS code translation, accommodate for latest changes required for new functionality and largely increased report complexity
Technology:	SAS (Base, Macro), Perl, Windows, UNIX, ALM
Project:	Implementation of AnaCredit Reporting for Bundesbank / ECB
Client:	Germany's largest bank, Frankfurt / Main, Germany (2016/10 – 2017/12)
Position:	SAS developer, IT consultant
Duties:	Technical implementation of AnaCredit framework: design and implementation of technical solution, creation of reporting tables based on prepared AnaCredit data mart
Technology:	SAS (Base, Macro), UNIX, ALM
Project:	Code Refactoring and System Performance Tuning
Client:	Germany's largest bank, Frankfurt / Main, Germany (2015/10 – 2016/09)
Position:	SAS & Perl developer, IT consultant
Duties:	Software quality assurance: standardization of code, modularization, code and execution optimization, streamlining of execution processes
Technology:	SAS (Base, Macro), Perl, UNIX, ALM
Project:	Generative Programming for Regulatory Reporting / COREP
Client:	Germany's largest bank, Frankfurt / Main, Germany (2014/01 – 2015/09)
Position:	SAS developer, IT consultant
Duties:	Technical implementation of COREP framework: analysis, design and implementation of technical solution, implementation of compiler to translate Excel-based specification from business unit into SAS, code generated: more than 1m lines of optimized SAS code
Technology:	SAS (Base, Macro), Perl, UNIX
Project:	Financial Data Warehouse
Client:	Germany's largest bank, Frankfurt / Main, Germany (2012/05 – 2013/12)
Position:	SAS developer, IT consultant
Duties:	Analysis, design and implementation of ETL processes, development of simulation models, standardization of developer tests, development of basic code generator for translation of regulatory requirements into SAS code
Technology:	SAS (Base, Macro), Perl, UNIX
Project:	Continuous Enhancements
Client:	Germany's largest bank, Frankfurt / Main, Germany (2011/01 - 2012/04)
Position:	SAS & Perl developer, IT consultant
Duties:	Implementation of simulation models, standardization of test environments
Technology:	SAS (Base, Macro), Perl, Linux, Oracle
Project:	Global Credit Risk Reporting
Client:	Germany's largest bank, Frankfurt / Main, Germany (2007/06 - 2010/12)
Position:	SAS developer, IT consultant
Duties:	ETL to process raw data into Oracle using SAS (txt/csv, XML, SFTP, ...), Basel II regulatory reporting (1st pillar / technical / XML & XBRL), German Bundesbank feedback processing (XML), management of meta data, development of Unix shell scripts, version control using CVS, on-call support on 24x7 shift
Technology:	SAS (Base, Macro), Solaris, Oracle

Project: Introduction of Release and Project Management Practices
Client: EOS KSI Inkasso Deutschland GmbH, Bad Rappenau, Germany (2007/08)
Position: Management Consultant for Company Board
Duties: Support introduction of release and project management, area: internal IT developing the company's client-facing B2B debt collection solution
Technology: MS Project 2007, Visio 2007

Project Work as Employee at SAS Institute GmbH, EMEA HQ

Project: Customer Relationship Management Suite / Data Warehouse
Duration: 24 months, 19 people across 19 countries
Position: Project manager, SAS developer
Duties: Adaption and deployment of a CRM solution across the company-lead the web development and the ETL development teams, coordinate business experts and other SMEs, integration with existing business critical systems and the enterprise data warehouse, standardization of business processes, development and execution of test plans incl. user acceptance tests
Technology: SAS (Base, SCL, htmSQL, broker), JSP, Apache, Tomcat, Linux

Project: SAS Message Queue System
Duration: 8 months, 3 people
Position: Project manager, SAS developer
Duties: Development of a Message Queue Systems: automatic synchronization and replication of distributed SAS instances, system bridge from/to Oracle using IBM MQ Series
Technology: SAS (Base, AF/SCL), Java Message Service

Project: Events Management System for User Conferences
Duration: 2 phases over 12 months period, 7 people
Position: Project manager, business analyst, ETL developer
Duties: Paper stream und meeting management for user conferences: lead the web development team, coordinate business specials and other SMEs, define and control implementation of web-based solution, develop solution for scheduling conflict management, develop interfaces to feeding systems
Technology: SAS, MySQL, JSP / Struts, Linux

Project: Skills & Competencies Management System
Duration: Multiple phases over 12 months, 3 people
Position: Project manager, business analyst
Duties: Implementation of a global skills and competencies system, areas: consulting, education and technical support teams, goal: identification of team members for international projects ("ideal fit" management), lead the web development team, develop interface to other global systems in the company
Technology: SAS, MySQL, JSP / Struts, HPUNIX

Project: Corporate Address System
Duration: 10 months, 2 people
Position: Project manager, designer, developer (data quality web reports)
Duties: Develop customer and master file data system: lead development team, plan and execute release management, coordinate usage by internal third party systems, develop web reports to analyze & improve data quality
Technology: SAS (Base, Macro, AF/SCL, htmSQL, Broker, DQ/Cleanse), Unix Shell Script, HPUNIX

Project: IT Project Management Framework
Duration: 4 months, 1 person
Position: Project manager, developer
Duties: Develop a project management framework:define, implement, support and rollout, goal: standardization of internal IT project management (international), based upon PMI PMBOK (R) Guide, adapt to corporate culture, implement first version of a PMO project management office
Technology: HTML, Windows