BIT
Software-
Development
and Consulting
Bolte IT Consulting

Profile Alexander Bolte

Multiskilled, experienced IT Security Consultant and Software Developer, specializing in the areas around Identity and Access Management / Governance (IAM).

Key qualification is the ability to dive to the root-cause of a problem and get it solved in a quick manner.

This is mixed with very good communication skills and the ability to coordinate people.

Project Experience - 10 Years

IT Security specializing in Identity and Access Management / Governance (since 2013)

Testing, Test- and Defect-Management (since 2011)

IT Consulting, Business Analysis, Project- and Requirements-Management (since 2009)

Data-Migration / System-Integration (since 2010)

Software Development (since 2009)

Reporting (since 2009)

Application Management and Operations (since 2010)

Name
Alexander Bolte

Year of Birth
1982

Nationality
German

Languages
German (mother tongue)
English (business fluent)

IT- / Project Experience
10 years

Availability
Worldwide, preferably Frankfurt

Education
Diploma in Business Data Processing

Industry Experience

Finance / Banking
Consumer Goods
Trading
Chemical Industry
Electrical Engineering
Education

Project Functions

IT Security Consultant
Business Analyst
Tester / Test Manager
Software Developer
(Database, Rich Clients, Prototypes)
3rd Level Support

Professional and Technical Experience

Programming- and Script-Languages

SQL (since 2008) (excellent)

- Oracle (11g, 12g) (since 2013) (excellent)
- MS SQL Server (2015) (intermediate)
- MySQL (2005 - 2018) (good)
- MS Active Data Objects and DAO (since 2010) (excellent)

Oracle PL-SQL (since 2015) (very good)

Java [Standard Edition] (since 2015) (excellent) | [Enterprise Edition] (since 2015) (intermediate)

- JAXB (very good)
- Spring Batch (very good)

VBA - Visual Basic for Applications (since 2008) (excellent)

VB.NET (2014 - 2015) (good) | VBScript (VBS) (since 2010) (excellent)

Software & Tools

RSA IGL, formerly known as IMG or Aveksa versions 6 and 7 (since 2013) (excellent)

- Rule-Implementation, -Design and -Maintenance
- Customization of Data Collectors, System Attributes and XML Configuration items like rules, applications and roles
- Integration of functions from in-house developed / legacy software
- Workflow programming and analysis
- Reporting
- Operating and 3rd Lvl Support (globally) in cooperation with RSA

Oracle Databases (since 2010) (excellent)

HP ALM Quality Center versions 10, 11, 11.52, 12, 12.21 (since 2010) (excellent in administration and customization)

Eclipse IDE (since 2013) (very good)

GIT (since 2013) (very good)

MS Visual Studio 2012 (2014-2015) (good)

MS SQL Server Studio (2015) (intermediate)

MS SQL Server (2015) (intermediate)

MS Office versions 2003, 2007, 2010, 2013, 2016, Office 365 (since 2005) (excellent)

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Project Experience

Deutsche Bank AG   since 01/2016

IT Security Consultant | Business Analyst | 3rd Level Support | Software Developer | Tester

IT Security specializing in Identity and Access Management / Governance

Separation of Duties (SoD)
- Changing, challenging roles in different projects and teams
- Management responsibilities in IT and Operations of RSA IGL regarding SoD

Consultancy on Design of User Access and SoD rules and for surveillance of critical access rights with a scope of over 4.000 applications worldwide

Management responsibilities for central rule changes in case of organizational changes within the bank: Leading up to five co-workers in so called sprints to apply changes

Automation of organizational changes in Java SE Rich Client / JAXB / Spring Batch / XML

Business Analyst for software changes, reporting and interfaces to integrate SoD processes into the bank's user recertification platform based on RSA IGL

Continuous Improvements of User Access and SoD rule implementation processes

Management and implementation of innovations in all processes as well as software that do involve the implementation of User Access or SoD rules

Test and Defect Management for new functions supporting implementation of IT Access and SoD Rules

Software developer to compensate missing interfaces or functionality
- RSA IGL workflow automation
- Integration of missing functionalities into RSA IGL and in-house pre-processor
- Java SE Rich Client development
- Java EE technologies like JAXB / XML
- Oracle PL SQL
- Oracle SQL
- Java EE Spring Batch / XML
- HP ALM REST API - Java EE / Java SE / VBScript workflow automation / VBA
- VBA (Visual Basic for Applications)

Design and implementation of Oracle SQL Reports
- Audit reports

RSA IGL
Access VBA, Excel VBA
Java SE (Rich Client Development)
Java EE (API to consume HP ALM REST Web Service, API to consume RSA IGL XML Configurational and Business Data)
Oracle PL SQL / Oracle SQL
Eclipse IDE / GIT
HP ALM REST API
HP ALM Administration (versions 11 and 12)
HP ALM Reporting (Dashboards)

Operating / 3rd Lvl Support (global) for a software consisting of RSA IGL and pre-processor (Java EE / Spring / Oracle SQL in-house development)
- Support and Maintenance for test and productive environments
- Infrastructure for test and productive environment in cooperation with third party service provider

- Application Management for test environment, which is used for business tests involving up to 100 stakeholders
- Weekly configurational updates of the production environment based on business test results
- Data migration between business test and productive environments
- Configuration of productive and test environments

This role requires a strong personality with good communicational skills but also a strong technical background

Oracle performance tuning for SQL as well as database server

Deutsche Bank AG   04/2013 – 12/2015

IT Security Consultant | 1st and 2nd Level Support | Software Developer | Tester
IT Security specializing in Identity and Access Management / Governance

Implementation, audit relevant documentation and maintenance of User Access and SoD rules in RSA IGL for surveillance of critical access rights with a scope of over 4.000 applications worldwide

Preparation of central rule changes to reflect organizational changes within the bank
- Reporting and automation to ease implementation of changes

Transition of the User Access and SoD rule implementation from processes handled by external consultants to operational processes taken over by a third-party provider including Training of new co-workers

Software developer to compensate missing interfaces between different environments
- Oracle SQL
- HP ALM OTA API
- HP ALM VBScript workflow automation
- VBA (Visual Basic for Applications) MS Excel
- VBA (Visual Basic for Applications) MS Access

RSA IGL
Access VBA (DAO and ADO)
Excel VBA
Oracle SQL (11g, 12g)
GIT
HP ALM (Workflow Automation / OTA API)
HP ALM Administration (versions 11 and 12)
HP ALM Reporting (Dashboards)

Design and implementation of Oracle SQL Reports regarding SoD / Excel Scorecards
- Reports for international stakeholders and top management
- Reports to support workflows and automate / replace manual steps

Operating / 1st and 2nd Lvl Support (global) for a software consisting of RSA IGL and pre-processor (Java EE / Spring / Oracle SQL in-house development)
- Support for test and productive environments
- Preparation of weekly configurational updates of the production environment based on business test results
- Configuration of test environments

Tester regarding Separation of Duties (SoD) relevant functionalities in RSA IGL as well as the in house developed pre-processor of the user recertification platform

HP ALM Administration and Workflow Automation / Customization

Blog - https://consulting-bolte.de/ | **XING -** https://www.xing.com/profile/Alexander_Bolte3/cv

Consultancy and support for HP ALM for several teams with over 100 users in different projects

Aegon Netherlands NV   08/2018 - 10/2018

Tester for RSA IGL upgrade | Business Analyst

Tester as well as Test Manager for integration testing of RSA IGL major version upgrade from version 6 to 7 based on existing customization and the IGL release notes within the client's scope

Reverse engineering custom implemented workflows

Coordination and planning of infrastructure activities executed by a team located in the United States

Planning and supporting the setup of UAT and SIT like environments for later integration and business tests

Technically supporting UAT as well as documenting / planning tests and preparing test data

Oracle SQL
Jira
Office 365
Test & Defect Management
Test Execution
Test Planning & Documentation

Consulting Test Manager on how to test all custom implemented, data driven workflows and other customizations within RSA IGL around the Aegon Joiner / Mover / Leaver process including automated provisioning

Planning test runs

Training of Aegon personal on how to perform meaningful, functional tests

Software used for test management, planning and tracking of test execution was Jira

Review and technical documentation of current Joiner / Mover / Leaver implementation

Procter & Gamble | Braun GmbH   09/2017 – 01/2018

Software Developer | Business Analyst

Access & Excel VBA based productive prototype in cooperation with the IT Department in order to assist the global supply chain planning by calculating demands in distributions centers, plants and warehouses.

Pulling data from SAP APO and processing it in Access VBA, including import, logging, calculation of demand forecasts and export into Excel files for override import into SAP APO Supply Chain Planner.

Access / Excel VBA
SQL (MS ADO)
Business Analysis
GIT
SAP APO Supply Chain Planning

Calculation of forecasts had to regard a weighted system, provided by the planning department.

Business Analysis to translate the requirements into formulas and an implementation in Access / Excel VBA and SQL.

Adidas AG   09/2012 - 01/2016

10 h /week | IT Consultant | Software Developer

Consultancy on automating reoccurring workflows and reporting tasks in the Shared Financial Services Department using existing software to speed up processing of requests related to master or transactional data in SAP

SAP RFC (Remote Function Call)
Excel, Access, VBA
SQL, Active Data Objects
TXShuttle (WinShuttle)
MS SharePoint
SAP ERP
SAP Batch Input

Introduction of a software aided process including basic validations to increase efficiency as well as quality in processing requests from other departments involving training of Adidas employees

Software Developer implementing VBA Add-Ins as well as VB.NET tools to aid the new processes

Project and Requirement management

Procter & Gamble (P&G)   02/2013 - 02/2013

SAP Consultant | Software Developer

Implementation and enhancement of software for automated comparison and validation of SAP list prices as well as business critical SAP SD master data like material determination, maintained units, validity periods etc.

SAP RFC (Remote Function Call)
Excel VBA
SQL, Active Data Objects (MS ADO)
Regular Expressions

Support for the software as well as data analysis whenever required by the client

Project- and Requirement-Management

Reckers Consulting   02/2013 - 02/2013

IT Consultant | Software Developer

Consultancy and Design for automation of calls of arbitrary stored procedures in arbitrary databases (Oracle, MS SQL Server, etc.) with Excel as User Interface as well as export target for further analysis

Excel, VBA, Active Data Objects (MS ADO)
MS SQL Server
MySQL
SAP IDM
Interface programming, Stored Procedures

Implementation of a corresponding design using MS ADO

Project and Requirement Management

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SCA   12/2012 - 02/2013

IT Consultant | Software Developer

Consultancy on a possible implementation of an international concept of Financial Reporting including regional and entity-based breakdowns of Scorecards using SAP Business Objects

Development of a useable prototype for several international users utilizing MS Excel VBA and SharePoint for more detailed testing of the concept and design on a daily basis

SAP RFC (Remote Function Call)
Excel, VBA
MS SharePoint
SAP BW
Regular Expressions

Project and Requirement Management

Merck KGaA   09/2012 - 12/2012

Tester | Software Developer

Tester for custom developments of Key Performance Indicators (KPIs) in SAP BW (Business Warehouse) in an IT-Support environment

Understanding up to 50 different KPIs is key to this role as they had to be validated against a legacy system provided by IBM using the SAP BW Analyzer as well as database exports that have to be pulled using SQL

The Tester has to support the developers in defect analysis

SAP RFC (Remote Function Call)
Excel VBA
SQL, MS ADO (Active Data Objects)
SAP BW Analyser

This role has to manage Testing as well as Defects without a proper Test Management tool in a very challenging environment with ad hoc testing

Closing the gap between the new SAP Business Warehouse and legacy Excel reports based on the IBM leg-acy system by developing and enhancing an existing Excel Add-In for reporting on history data from SAP BW

Test Automation for Regression Testing

Procter & Gamble   08/2012 - 10/2012

SAP Consultant | Software Developer

Design and development of software for automated comparison and validation of SAP list prices as well as business critical SAP master data like material determination, z-tables, units of measures, validity periods etc.

Support for application as well as data analysis

SAP RFC (Remote Function Call)
Excel VBA
SQL, MS ADO (Active Data Objects)
Regular Expressions

This role has to provide Support for the software, user trainings as well as documentation and aid in data analysis as needed

Project and Requirement Management

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Procter & Gamble   03/2011 - 07/2012

IT Consultant | 3rd Level Support | Software Developer

Global Application Management Team

Administration and Support for HP Quality Center 10 and HP ALM 11

This role is responsible for developing and enhancing the existing P&G Testing Solution based on HP ALM

It involves the following key responsibilities supporting over 120 testing software projects worldwide

- Migration from HP QC 10 to HP ALM 11
- Cross Project Customizing to automate operational tasks during roll out of changes in several 100 software projects tracked in HP ALM
- Workflow Automatization / Customizing using VBS
- User and role maintenance (access rights / entitlements)
- Management and solving of defects in HP ALM as well as custom company specific HP ALM Excel Interfaces
- Support for projects regarding technology and testing
- Consultancy on test management
- Mainly second level support but also first level support when needed
- Trainings on the company specific testing solution and HP ALM in general

HP ALM Quality Center
Oracle SQL, MS ADO (Active Data Objects)
SAP Remote Function Call
Excel, Access, VBA, VBS
Office (2003, 2007, 2010)
SAP SD, SAP MM
Regular Expressions
MS SharePoint, MS SharePoint Designer

Enhancement of the "P&G Testing Tools" and handover of the finished solution to HP (India)

Design and implementation of tracking and reporting tools

Implementation of an alternative user interface to HP ALM utilizing Excel VBA and the HP QC OTA API to increase efficiency in Testing and Defect Management

Developing a MS SharePoint / Access based solution for global surveillance of IT projects and reporting based on information provided by stakeholders to application management via SharePoint

Project and Requirement Management in close cooperation with stakeholders in big testing projects

Procter & Gamble (USA / DACH)
International SAP SD Rollout replacing a legacy system

Enhancement of software for automated validation of SAP master data

Procter & Gamble (DACH)
Development of software for automated comparison and validation of business-critical SAP prices and master data

This role involves in depth understanding of SAP specific master data and pricing concepts as well as the underlying data model in SAP

Procter & Gamble Headquarter (USA - OHIO)   02/2011 - 02/2011

SAP Consultant | Software Developer

This role is responsible for designing and developing a software to migrate master data from a legacy system into SAP SD in an automated manner.

The technical consultant has to advice on how invalid data in the legacy system can be identified automatically and assist the business in data cleansing.

SQL, Active Data Objects
SAP SD, SAP Remote Function Call
Excel, Access, VBA, Office 2007

One additional key responsibility is Requirement Management in close cooperation with the client as well as external consultants.

This role must test concepts and data models provided by the client against SAP master data model and report errors to the client explaining what needs to be implemented in a different way and why.

Furthermore, the developed software has to be handed over to the client by training a provided resource on how to customize the tool.

Procter & Gamble (P&G)   11/2010 - 02/2011

Test Manager | IT Consultant

Working in the international SAP-SD Migration to replace a legacy system with SAP SD.

This role is taking responsibility as a Test Manager for the rollout into DACH in the Test Management Team.

Key responsibility is creation of reports as well as tracking and assisting international teams reporting into this role regarding planning and completing testing as well as defect tracking.

SQL, MS ADO (Active Data Objects)
HP ALM - HPQC (Quality Center)
Excel, Access, VBA, Office 2007

This role is responsible to ensure the test data is reflecting the current test progress as well as defect status.

Reporting into Project leads.

Procter & Gamble   05/2010 - 10/2010

IT Consultant | Software Developer

Working in the Global Application Management Team this role is responsible for developing and enhancing the existing P&G Testing Solution based on HP ALM Quality Center.

Optimization and enhancement of existing HP ALM Quality Center Solution.

SQL, MS ADO (Active Data Objects)
HP ALM - HPQC (Quality Center)
version 10
Excel, VBA, Office 2007

Implementation of an alternative user interface to HP ALM Quality Center utilizing Excel VBA and the HP ALM QC OTA API to increase efficiency in Testing and Defect Management in all areas

like Test Management, Reporting, Test Execution, Defect Management, Defect Resolution.

Parallel Support HP ALM - HPQC (Quality Center) und P&G Testing Solution.

Fachhochschule Südwestfalen (university)   11/2009 - 04/2010
SAP APO Consultant

Initial configuration of SAP APO Demand Planning for usage in tutorials and classes

Creation of teaching material for forecasting utilizing SAP APO DP (Demand Planning)

Validation of SAP APO DP configuration against own software for automated timeline analysis and classification for automated selection of the "fittest" forecasting model

SAP SCM APO DP (Demand Planning)
SQL, MS ADO (Active Data Objects)
Excel, Access, VBA, Office 2007

Hands on training for professors to enable them to teach usage of SAP APO DP

Creation of User Documentation for configuration as well as usage

Holding first class to demonstrate SAP APO usage for forecasting

Braun GmbH   12/2008 - 04/2009
SAP Consultant - Logistics and Planning | Software Developer
Key responsibility is the optimization of the material planning of spare parts in SAP.

Introduction of a software aided process for optimization of inventories and initial determination of SAP planning parameters like safety and reorder points.

This role has to train the scheduler on how to utilize newly introduced software and SAP in order to calculate and maintain optimal planning parameters on a daily basis.

SAP ERP
SQL, MS ADO (Active Data Objects)
Excel, Access, VBA, Office 2003, 2007

Design and development of a software providing automated timeline analysis as well as selection of matching forecasting models based on mathematical algorithms for error evaluation in forecasts using the ex-post methodology.

The consultant has to work closely with the planner as well as the head of logistics responsible for DACH in order to optimize material planning and changing corresponding processes.

Fachhochschule Südwestfalen (university)   09/2005 - 08/2008
Permanent employee working as graduate assistant for informatics
Leading classes as well as tutorials in informatics

In parallel creation of teaching materials for SAP and logistics

Java SE
SAP ERP
Regular Expressions
Excel, Access, VBA, Office 2003

Tutor for Java SE, basics in informatics, IT systems, algorithms and data structures