

## PERSONAL INFORMATION

## Bernd Roth

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Sex Male | Date of birth 31 October 1980 | Nationality Austrian

## WORK EXPERIENCE

01/04/2010–Present

## Software developer for Treasury department

Erste Bank / s-itsolutions  
Neutorgasse 2, 1010 Vienna (Austria)

Erste Bank / s-itsolutions is a finance company with more than 1200 employees.

Our team consists of 8 people.

We are responsible for developing software, interfaces, and supporting treasury products like Kondor, KVaR, Murex, Tibco, and QRM.

In my role I focus mainly on developing and enhancing software of our treasury department. I mainly use the following programming languages: Java, C#, C++, Android, Python, Perl, PHP, and Shell ( Bash, csh, ksh ).

Besides developing or enhancing software, I am responsible of creating reports out of QRM, doing data analysis and data mining, and furthermore analyzing them.

My main tasks in Kondor are writing Open Reports using SQL, developing Custom Windows, and checking data in Kondor's front office GUI.

My main tasks in Murex are creating MxML templates, developing interfaces in order to get data from Kondor to Murex, checking data in Murex's front office GUI.

Besides, these tasks I am in charge of creating workflows in Murex, too.

Our main asset classes are Bonds, FX Swap, Equities, Loans & Deposits, and Commodities.

Besides developing, I am in charge of administering our databases like Sybase, Oracle, and MS - SQL. Furthermore, writing SQL requests is my daily business.

Key skills:

- Programming languages like Java, C#, Python, Android, Shell, SQL
- Databases ( Normalization, Indexing, SQL requests )
- Data mining and analyses
- Treasury products

General

- Dispatching requests
- Creating Open Reports in Kondor
- Data Mining

Developing software for treasury systems like

- Kondor
- Murex
- KVaR+
- QRM
- DBR

Programming languages

- Java
- J2EE
- Android

- C#
- Perl
- Visual Basic 2008
- Visual Basic Script
- VBA
- JavaScript
- Python
- Bash
- HTML
- CSS

Developing SQL procedures in

- Sybase
- Oracle
- MS - SQL

Frameworks

- Spring
- Struts
- Weblogic
- Glassfish
- Hibernate

Developing web pages for our company's intranet with Perl and JavaScript

For transferring messages between different vendors TIBCO is being used

For developing we use SCRUM as an efficient method

Tools

- Eclipse
- Netbeans
- Microsoft Visual Studio 2008
- Sybase Central and Sybase Advantage
- Microsoft SQL Server 2008
- PyScripter IDE
- Git
- SVN

**Business or sector** Financial and insurance activities

01/01/2008–03/2010

### Software developer

Thales Austria  
Schottenring 12, 1010 Vienna (Austria)

A subsidiary of Thales with more than 20 people.

Responsible with a colleague of further developing of treasury systems like

- Kondor
- KGL
- KGR
- Murex
- ORC
- RMDS

My daily tasks were developing software for Kondor, Orc, Murex, and RMDS.

I wrote scripts for Opsview and Nagios in Java and Bash.  
For Orc I created programmes in order to load data from and to Orc.

## Key skills:

- Java
- Perl
- Ruby
- Scripting
- Sybase
- Informix
- MySQL
- Treasury products ( Kondor, ORC, Murex, RMDS )

## Used programming languages were

- Java
- Visual Basic 2008
- VBA
- Perl
- Bash
- Ruby

## Software administration of

- Kondor
- KGL
- KGR
- Murex
- ORC

## Databases that were used

- Sybase
- MySQL
- Informix

Responsible for writing SQL procedures

Responsible for establishing SVN in Thales

## Tools

- Eclipse
- Netbeans
- Microsoft Visual Studio 2008
- CPAN

Business or sector Computing

01/03/2007–31/12/2007

**Software developer**

Bawag PSK  
Quellenstraße 51-55, 1100 Vienna (Austria)

Company with more than 1200 people

Our team consisted of 2 people

Responsible for further development of treasury systems like

- Kondor
- KGL
- KGR
- Opus

Used programming languages were

- Perl
- PHP
- JavaScript
- HTML
- Bash

Software administration of all treasury systems mentioned above

Serveradministration: Unix

Administration of Clustersoftware: Symantec Veritas Cluster

Dispatching

Databases

- Oracle
- Sybase

UC4 Administration

Remedy Administration

Tools

- Zend Studio
- UC4
- Remedy

Business or sector Computing

03/07/2006–28/02/2007

### Software developer

iT - Austria

Lassallestraße 5, 1020 Vienna (Austria)

Company with more than 1200 people

Our team consisted of 4 developers who were responsible of further development of treasury systems like

Kondor

- Orc
- GEOS

Programming languages

- Perl
- Python
- Bash

Server administration

- Windows

- Unix
  - MacOS
- Databases
- Sybase
  - Oracle
  - Informix

Business or sector EDV

09/01/2006–30/06/2006

### Software developer

NextiraOne

Kommunikationsplatz 1, 1210 Vienna (Austria)

Company size was more than 500 people

Teamsize was 4 people

Responsible of further development of NewVoice products, a call logging software

Programming languages

- C
- Perl
- PHP
- Bash

Databases

- MySQL

Serveradministration

- Windows
- Linux

Business or sector Computing

2004–30/06/2005

### Software developer

Lindeverlag

Scheydgasse 1, 1210 Vienna (Austria)

Company size was 120 people

Software developing for inhouse products

Programming languages

- Perl
- PHP
- Bash

Server administration

- Windows
- Linux

Databases

- MySQL

Business or sector Book trade

01/06/2003–31/12/2003

**Computing Trainer**

Wifi Vienna  
Leyserstraße, 1140 Vienna (Austria)  
Trainer for Computer Science  
Programming languages

- Bash
- Perl

**Business or sector** Computer Science

01/03/2001–31/05/2003

**User Support**

UPC Telekabel  
Wolfganggasse 58 - 60, 1100 Vienna (Austria)  
Inhouse user support for more than 800 people  
Client / Server administration

- Windows
  - MacOS
- Software administration
- Microsoft Office 2000
  - Microsoft Office 2003

Tools

- Remedy

**Business or sector** Internet Provider**EDUCATION AND TRAINING**01 September 1990–14 June  
2000**Secondary School**

Karajangasse, Vienna (Austria)  
Deeper knowledge and more focused on Biology, Chemistry and Informatics

01/09/2003–01/02/2006

**School for higher technical education**

Spengergasse, Vienna (Austria)  
Software developing in Java, C, Abap, Assembler, Cobol, PHP, Bash

2002–2003

**MCSA Certificate**

Learn &amp; Use, Vienna (Austria)

2002–2002	<b>Exchange Server</b> Learn & Use, Vienna (Austria)
2007–2007	<b>Sybase Certificate</b> Sybase, Vienna (Austria)
2007–2008	<b>Linux Certificate ( LPIC 1 + 2 )</b> Wifi, Vienna (Austria)
2008–2008	<b>ITIL Certificate</b> Global Knowledge, Vienna (Austria)
2012–2012	<b>Cisco Certificate</b> Wifi Vienna, Vienna (Austria)
18/09/2014–20/09/2014	<b>SQL Database Programming</b> ppedv, Vienna (Austria) Database programming in MS - SQL 1014.
12/10/2015–16/10/2015	<b>Developing Applications with Java EE 6 on WebLogic Server 12c</b> Oracle University

## PERSONAL SKILLS

Mother tongue(s) German

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
	Business Certificate				
Spanish	A2	A2	A2	A2	A2
	Spanisch Certificate				

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Communication skills Training in Communication

Organisational / managerial skills Project management

ITIL  
PRINCE2

Job-related skills SVN  
Git

Jira  
Kondor  
KVaR  
Murex  
Orc  
Opus  
Eclipse  
Netbeans  
PyScripter  
Zend Studio  
Microsoft Office 2000 / 2003 /2008  
Remedy

Digital competence    Certificate in MCSA  
Certificate in Sybase  
Certificate in Linux  
Certificate in Cisco

Driving licence    A, B

#### ADDITIONAL INFORMATION

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Hobbies    Developing in Android, Java, C#, Cobol and Python  
Developing and supporting the Open Source Tool Chef and Opsview  
Playing in a soccer, and chess team  
Taking part in marathons, and ultramarathons