

Sebastian Adolph

Diplom-Ingenieur (FH) Multimediotechnik



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TRIONA
INFORMATION UND TECHNOLOGIE



Professional Focus

- Object-Oriented Software Development for Desktop and Web
- Design and Programming of Databases

Technical Competence

Programming Languages, Methods and Technologies:

- Java (J2SE: Swing, AWT), SWT/RCP
- SQL, T-SQL, PL/SQL
- JEE: JSP, Java Server Faces (JSF), Java Servlets, Java Applets
- Spring (MVC), Grails
- PHP 5 incl. Smarty
- Microsoft .NET, C# (1.1, 2.0), ASP.NET, Windows.Forms
- JBoss 5, Maven 2, Tomcat 6
- UML, HTML, XML, PHP, JavaScript, JQuery, AJAX, ICEFaces
- Hibernate 3.2, JDBC, ODBC, ADO.NET
- CoreMedia: Unified API 5.2, Editing Services 5.2, Editor 5.1
- IBM Informix Web DataBlade
- Visual Basic, VBA, Internet Information Services (IIS)
- Flash, Action Script 2.0, Regular Expressions, OpenGL, VMWare

Development Environments and Repositories:

- Eclipse 3.x, JBuilder, MS Visual Studio .Net 2003 & 2005, IntelliJ 7
- CVS, MS Visual Source Safe, ClearCase, Subversion
- JIRA (Bugtracking Tool), Kayako, Giffy, Mingle
- Borland Delphi
- UltraEdit, DB Access, SQL Developer

Databases:

- Microsoft SQL Server 2000 and 2008 (Programming, Stored Procedures / Transact SQL, DTS)
- Oracle 10g, IBM DB2, PostgreSQL 8.2, MySQL 5.x, IBM Informix

Operating Systems:

- Windows Vista XP, 2000
- Linux, Unix on Sun Solaris, Mac OS X

Project Overview

Description	Development of a Software for Service Request Handling
Technology	Java 5, JSF 1.2, ICEFaces 1.8, SAP Jco 3.0, CSS
Industry	Energy Supplier
Tools	Eclipse 3.4, Tomcat 6
Main Tasks	<ul style="list-style-type: none">- System architecture design and implementation- Development of backend calls towards an SAP System- Creation of the user interface
Timeframe	Since September 2009

Description	Building of a Multi-lingual Application for automated Search Engine Optimization
Technology	PHP 5.2.x, Ajax, Javascript, CSS, HTML, UML
Industry	Management Consultancy Company
Tools	Eclipse 3.4, Apache, fpdf, Smarty, Pear, MySql 5.1, SQL, jQuery
Main Tasks	<ul style="list-style-type: none">- Customer and business communication- Request analysis- Functional and Technical Design- Identification of required key figures- Front- and backend logic design and implementation- Implementation of business functionality- Generation of template-based PDF documents- EMail system implementation
Timeframe	June 2009 – September 2009

Description	Enhancement of a JEE Administration Application
Technology	Java 6, JSP, CSS, Servlets, JSTL
Industry	IT Service Provider
Tools	Eclipse 3.4, Tomcat 6, SVN, Hibernate, MS SQL Server 2008 incl. Management Studio
Main Tasks	<ul style="list-style-type: none">- Development and Extension of JSPs- T-SQL Stored Procedures building- Development of Hibernate HQL queries- Design and implementation of new reports (CSV, HTML, EMail)- Technical preparation of a concept for automated reporting functionality
Timeframe	May/June 2009

Description	Development of several JEE Applications for European Research Institute - EMBL
Technology	Java Servlets, HTML, JavaScript, CSS, SQL
Industry	Microbiological Research
Tools	Eclipse 3.4, Kayako, MyLyn, Tomcat 5.5, Oracle 10g, CVS, Gliffy, Mingle
Main Tasks	<ul style="list-style-type: none"> - Design and implementation of new functionality in existing applications - Test and correction tasks - 2nd Level Support - Business communication in English
Timeframe	November 2008 – May 2009

Description	Sports Events Configuration Tool (Prototype)
Technology	SWT/RCP, Grails 1.0.3, Hibernate, HQL
Industry	IT Service Provider
Tools	Eclipse 3.3, Netbeans 6.1, HSQL, SVN
Main Tasks	<ul style="list-style-type: none"> - Application co-design and development - Development of custom controls
Timeframe	October 2008

Description	Functional CoreMedia/Java Prototype for Image Processing
Technology	Java, Swing, JSF, Spring MVC, CoreMedia Unified API 5.2, CoreMedia Editing Services 5.2, CoreMedia Editor 5.1, UIZE, Javascript, AJAX, Applets
Industry	Public broadcasting company (ZDF)
Tools	Jetbrains IntelliJ IDEA 7, Tortoise SVN
Main Tasks	<ul style="list-style-type: none"> - Implementation of a Swing client for creation and management of image cuts - Implementation of a JSF client for creation and management of image cuts - Drag 'n' Drop enabled applet development
Timeframe	April 2008 – September 2008

Description	Migration of a Production Planning Module from Cobol to SWT / Hibernate / Spring
Technology	SWT, Hibernate 3.2, Spring
Industry	Timber Industrie
Tools	Eclipse 3.3, Oracle SQL Developer

Main Tasks	<ul style="list-style-type: none"> - Analysis - Conception and implementation of complex SWT-based graphical user interfaces - Implementation of sophisticated business logic tasks - Data model creation
Timeframe	October 2007 – March 2008

Description	Telephone PlugIn Development
Industry	IT Service Provider
Technology	.NET Framework 2.0, Windows.Forms
Tools	Visual Studio .NET 2005 Professional
Main Tasks	<ul style="list-style-type: none"> - Requirement analysis - Graphical user interface development - Connectivity data display development (tabular and hierarchical structures) - Use of Web Services for data interchange
Timeframe	July 2007 – September 2007

Description	Migration of a Information and Buyer Platform to Java Servlet Technology
Industry	Publishing company
Technology	Web DataBlades, Java Servlets
Tools	UltraEdit 4.12, DBAccess, MySQL Client
Main Tasks	<ul style="list-style-type: none"> - Analysis of existing code and functionality - Transformation of existing Web DataBlade source code in Java Servlets - Adjustment of Informix SQL to MySQL - Sun Solaris environment
Business Expertise	Purchase channel architecture knowledge
Timeframe	January 2007 – Mid July 2007

Description	Web-based Software for Human Resource Planning
Technology	Java Server Faces, Hibernate, PostgreSQL
Industry	IT Service Provider
Tools	Eclipse 3.2, Maven, JBoss 5.0, Sparx Enterprise Architect, CVS
Main Tasks	<ul style="list-style-type: none"> - Data structure layout - Persistence layer implementation with Hibernate - Technical co-design - GUI JSF development

Business Expertise	Basic principles of resource management, Workflow techniques
Timeframe	November 2006 – January 2007

Description	International Time Registration System for global IT Player
Technology	Java (Swing), XML, HTML, MS SQL Server (T-SQL, Stored Procedures), Data Transformation Services (DTS)
Industry	Computer hardware vendor
Tools	Eclipse, CVS
Main Tasks	<ul style="list-style-type: none"> - Design and Implementation of several functional sub tasks in T-SQL and Java - Design and development of country-wide overtime schemes and calculations in T-SQL/HTML - Extension of the Swing client - Preparation and execution of a complete SQL Server migration to a foreign location - Worldwide co-ordination of holiday data collecting and processing
Business Expertise	Experience in a wide variety of different working time models, Sarbanes-Oxley know-how
Timeframe	September 2005 – October 2006

Description	Database Interface Design
Technology	C#, SQL Server 2000
Tools	Visual Studio .Net 2003
Main Tasks	Conceptual design and development of a data interface for industrial data delivery
Timeframe	March 2005 - July 2005 (college)

Description	Enhancement of a National System of Public Services in England
Technology	Professional ASP.NET methods with SQL Server backend; ASP.NET, C#, XML, HTML, SQL
Tools	Visual Studio .Net 2003, SQL Query Analyzer
Main Tasks	Extension of UI area as well as functionality add-ons
Timeframe	March 2004 - July 2004 (college)

References

Development of several JEE Applications for European Research Institute

Reference of September 11th, 2009 by the Project Leader

Sebastian Adolph has been successfully working as IT – Consultant at EMBL from 23.10.2008 – 15.05.2009. The main focus of his work was the development and enhancement of several Java-Servlet based applications.

The main tasks were in detail:

- Design and implementation of new functionality in pre-existing applications
- Test and bugfixing work
- 2nd Level Support
- Business communication in English

We at EMBL got to know Mr. Adolph as an open minded and friendly co-worker, who solved his tasks in a reliable, independent and satisfactory way.

Telephony PlugIn Development

Reference of January, 29th, 2008 by the CEO

Mr. Sebastian Adolph was successfully appointed as IT Consultant in our company from 30.07.2007 until 30.09.2007.

His main tasks were the planning and development of a call record journaling GUI as part of a Rich-Client Softphone application. He performed very well!

He dealt with the following tasks and technologies:

- Development of a software concept
- Implementation of this concept on the basis of Microsoft .NET Framework 2.0, especially by using GUI components (System.Windows.Forms)
- Work with Microsoft Visual Studio 2005
- Use of „ClearCase“ source code management system
- Workflow optimization for usability enhancements.

Due to his dedication, the project became a success and has been moved to production in the meantime.

Mr. Adolph proved to be a very good team player; he always worked competently and effectively. He was able to cope with various challenging requirements in a flexible way. It has to be pointed out that he has the ability to solve demanding and complex tasks and to finish a project successfully. This is mainly due to his target-oriented and methodical approach.

All tasks have been carried out to our complete satisfaction by Mr. Adolph. He left the project according to schedule after reaching the goals of the consultancy contract.

We would like to thank Mr. Adolph for the successful co-operation and wish him all the best for his private life and professional career.

Migration of a Information and Buyer Platform to Java Servlet Technology

Reference of December 21st, 2007 by the Project Leader

Mr. Sebastian Adolph was engaged in the project „GenoBuy-Migration“ from January 9th, 2007 until July 5th, 2007. The project goal was migration of the internet portal „GenoBuy“ towards a new, future-oriented technology. This especially contained the migration of INFORMIX Web DataBlades applications to Java ServerPages/Servlets as well as INFORMIX Dynamic-server database migration to MySQL.

In detail Mr. Adolph had to execute the following tasks:

- Business and technical analysis of existing modules
- Generate technical migration concepts of selected modules
- Development, test and documentation of the newly created modules
- Consulting with the business side

Mr. Adolph was very quickly able to become acquainted with the new topics and to find out the functionality of existing modules as well as to carry out the required work in a self-dependent way. We got to know Mr. Adolph as an open-minded and co-operative team player. He always carried out his tasks to our complete satisfaction. His behavior toward superiors, team members and employees was exemplary. The co-operation with Mr. Adolph ended with the successful go-live of the project, which was significantly influenced by Mr. Adolph.

International Time Registration System for global IT Player

Reference of October 21st, 2006

Mr. Adolph was a reliable and dutiful co-worker, who solved his tasks always result-oriented in a methodical way. Additionally, he always worked with great own initiative and huge operational readiness. Due to his quick wits, Mr. Adolph became acquainted with his tasks very quickly and was able to take over responsibility at any time.

Mr. Adolph could cope with most demanding tasks at all times. He contributed with constructive proposals to the solution of problems, was open for new thoughts and ways, especially by using his sound judgement.

Mr. Adolph was an honest and trustworthy consultant. Thanks to his disposition to objective co-operation and helpfulness, he was valued and well accepted by the employees of our company.

Enhancement of a National System of Public Services in England

Reference by Porism Limited, June 2004.

Citation: „Sebastian’s time at Porism...provided improved quality releases to clients

Sebastian’s work had four major components:

- Automation of upload procedures for our web application
- Diagnosis of software errors in new installation and work to remove errors in consultation with testers, developers and software support personnel
- Changes to SQL Server data as well to ASP.NET web pages

In performing these tasks, Sebastian gained a detailed understanding of the procedure required to support large scale Web applications. Sebastian worked conscientiously. His work was critical to the success of esd-toolkit, so heavy demands were placed on him and he responded well. He is a good team worker.

We have enjoyed working with Sebastian and believe his placement has greatly improved his understanding of the development and maintenance of Web applications.”

Mike Thacker, Manager, Porism Limited