Profile

<u>Torsten Reinhard</u>	29.02.1972

M.Sc. Information Technologies (FH Esslingen), M.Sc. Mechanical Engineering (BA Mannheim)

~. 18years experience in IT-projects, middle and large size. Build/Release manager, developer, architect and coach (Java, C++ and OO) including skills in educational trainings.

Co author of "Visual C++ und MFC" (International Thomson Publishing), published article about 'historicization with rel. databases and OO'.

area of operation: build-, integration-, config- and releasemanagement

(Continuous) deployment, automation, test automatisation.

conception and development of software architectures using Java/C++ , modelling, coaching and development of object oriented applications, framework development.

planning and execution of trainings in UML, OO, Java and C++

skills: DevOps, Scrum, agile software development, object oriented design and object oriented software development (OOA/OOD)

training experience with Visual C++, Java and Rational Rose

modelling tools: UML, Rational Rose, CA Paradigm+, Enterprise Architect, MID Innovator

programming: Java, Groovy, JEE, XML/XSL, JAXB, (J)XPath, Spring, Freemarker, Swing, GWT, Microsoft Visual C++, MFC, C++, C, Visual-Basic Script, TCL/TK, SQL; Python

IDE´s:, Eclipse, Borland JBuilder,
IBM Visual Age for Java, MS Visual Studio

application server: Inprise/Borland Application Server, JBoss, SAP Netweaver, Glassfish, Weblogic

middleware: EJB, CORBA

databases: Oracle, DB2, MS Access

persistence frameworks: Avantis Unisuite, POLAR/C++

config management: GIT, IBM Rational ClearCase/ClearQuest, CM Synergy, SVN, PVCS, Microsoft VisualSource-Safe, JIRA

build/test: Maven, Ant, Jenkins, CruiseControl, Luntbuild, TestNG, JUnit, Spock, EasyMock, PowerMock, JTest, Fitnesse, Selenium, SoapUI

profiler: Eclipse Colorer, Xoricon AspectLog, OptimizeIT, VisualVM, JProfiler

current projekt

08/2015 – today

conception and setup of (high)performant and scalable IT-engineering environment for ~150 developers (banking area).

language: german

tasks:

support in creation and implementation of

- concepts for smoothly, stable, performant and scalable IT-engineering environments using a high level of automation and automated processes

- permission- and security concepts

- concepts for upgrading the software components used in IT-engineering

- concepts for migration of legacy applications

support in integration of several components including IT-engineering of Java applications

talks and trainings to individual, dedicated topics.

consulting for product updates

area:

part of a specialized IT-engineering development team with ~5 members.

used tools:

Maven3, Ant, Groovy, Jenkins, Nexus, Eclipse, SVN, Git, Jira, Confluence, Crowd , SonarQube

technologies:

Apache, Tomcat, Websphere Appl.Server, Oracle DB

07/2014 – 09/2015	deployment automation of front- and backend systems at Germanys biggest bonus point programm company

languages: german & english

tasks:

training of OPS and DEV colleagues concerning „Continuous Delivery", introduction of the DevOps philosophy

lead of „team automation", introduction of an agil, Scrum based software development process.

product owner „deployment automation
- management of the backlog
- setting priorities
- approvals and reviews.

(chief)development of automated deployment- and testing processes of the applications.

optimization of process sequences concerning stability and application downtimes.

deployment into heterogenuous dev, test and integration environments - including the production environment.

Introduction of a centralized configuration management concept.

provisioning of virtualized test environments.

Preparation and implementation of a development- and testing concept for deployments and their configuration.

area:

introduction of a scrum based, agile development team with 4-5members inside the existing IT-Operations (OPS) team.

used tools:

Ansible, Maven3, Ant, Groovy, Python, Jython, Jenkins, Nexus, Eclipse, SoapUI, SVN, Jira, Confluence, Crowd , Vagrant, VirtualBox, Packer

technologies:

Apache, Tomcat, Weblogic, Webmethods, FirstSpirit, CoreMedia, Uniserv, Siebel, Api-Gateway, Oracle DB

08/2011 – 07/2014   build- and releasemanagement of the world-wide and new internet-platform at one of germanys biggest automobile vendors.

tasks:

development and support of automated build, release- and deployment processes of the whole application.

Introduction of template based processes and tools for automisation of build, deployment and documentation.

Delivery of the software on several DEV, Test and Integration environments up to production environment.

management of releases and branches as well as the maintenance of the complete build and runtime infrastructure.

transition of the version control system from SVN to GIT (> 200 repositories) during the ongoing development cycle.

Introduction of „continuous delivery" and „quality gates" to the development cycle.

quality assurance of the applications by introducing and integration of SonarQube to the existing build processes.

quality assurance by reviews and system analysis.

support of development- and runtime environments.

area:

SCRUM based development in multiple professional teams consisting of ~140 developers. integration and continuous deployment of their result during the sprints.

2 weekly based sprint approvals on TEST and integration environments.

used tools:

Maven3, Ant, Groovy, Jenkins, Nexus, Eclipse, GIT, Gerrit, SVN, Jira, Confluence, Crowd, Sonar, Fisheye, Glassfish, Day CQ , HtmlUnit, TestNG, JUnit, Selenium, Freemarker, Oracle.

02/2011 – 07/2011   software application development concerning „affiliate marketing" for a market-leading company in this area.

tasks:

development and support of local and centralized builds (Continuous Integration, ReleaseBuilds,...) related to the developed sub-componens.

management of releases and branches.

development of web applications

SCRUM based development of multiple small web applications, based on Java technology. The applications are intented to replace the existing C++ applications.

the web applications implement several user stories for administration and evaluation inside affiliate marketing.

support in evaluation and introduction in a new technology stack (GWT=Google Web Toolkit)

used tools:

Maven2, Ant, Hudson, Jenkins, Eclipse, SVN, Jira, JBoss Seam, GWT, Apache commons.

| 08/2007 – 01/2011 | participation in "CAMS" (Card Application Management Software) of germanies electronic healthcare card. |

Tasks:

configuration- , build-, integration- and releasemanagement:

> development and support of local and centralized builds (Continuous Integration, ReleaseBuilds ...) of all modules and components related to the entire system.

> management of different or parallel development branches

> management and delivery of „hotfixes" for shipped-to-customer software.

> definition and maintenance of development environment

development of testtools

> implementation of an environment for fully automated execution of tests (e.g. regressiontests)

> concept and implementation of a testing tool for verification of xml based export files related to the original (*.csv based) order. The files contain a lot of (personal) data, managed in encrypted blocks, that need to be decrypted and re-calculated for verification purpose.

> Using these files, the „personalizer" afterwards may create the electronic chip cards.

test automation

> implementation of a testing framework, which than serves as a baseline for derived testcases. The testing framework supports asynchronous communication with the test systems on all target platforms. Several UseCases for simplifying the implementation of repeated test scenes are built-in.

> implementation of functional testcase specifications (positive- and negative tests)

used tools:

Maven2, Ant, Fitnesse, Luntbuild, Eclipse, ClearCase/ClearQuest, JXPath, JAXB, Spring, Apache commons