

Overview

Accomplished IT professional with 18 years of professional and 4+ years of leadership experience in the software industry. Excellent technical know how in software architecture and development combined with outstanding communication, interpersonal and mediation skills. Capable of developing quality end-2-end solutions and explaining complex software issues in easy-to-understand terms.

Professional experience

05.2015 - now

M-net Telekommunikations GmbH, Munich, Germany

Head of Software Architecture and Development

- ▶ Leading staff of 33 software architects and software developers (5 teams, 13 direct reports)
- ▶ Responsibility for the software architecture and development for the projects throughout the company, as well as for the integration in the enterprise architecture
- ▶ Consulting business units and facilitating improvements of the enterprise processes by using appropriate software architecture
- ▶ Analysing, defining and implementing solution architecture in projects
- ▶ Coordination of the software architecture and development work
- ▶ Monitoring and accounting for the department budgets
- ▶ Recruiting permanent and contracted employees for the projects, their training and performance evaluation
- ▶ Conflict management

09.2012 - 04.2015

M-net Telekommunikations GmbH, Munich, Germany

Senior Software Developer / Solution Architect

- ▶ Defining the solution architecture in projects and integration in the existing enterprise architecture
- ▶ System architecture, software development and code reviews for various applications
- ▶ Continuous technical review of requirements including software architecture aspects
- ▶ Technical steering of an IT architecture transformation project
- ▶ Design of standardised interfaces for the internal and external applications using an ESB (Tibco)
- ▶ Software development with Java and Spring
- ▶ Continuous integration using Jenkins (Continuous integration server)
- ▶ Monitoring and improvement of the software quality using SonarQube
- ▶ Practice using agile software development methodologies Kanban and SCRUM

09.2010 - 07.2012

ARITHNEA GmbH, Neubiberg, Germany

Consultant / Software Developer

- ▶ Requirements gathering and analysis with the clients (including a continuous communication with the clients)

- Development (frontend and backend) of online e-commerce B2C and B2B solutions with hybris
- Work on online portals with the content management in backend
- Integration of hybris for Content Management solutions
- Development in Java, J2EE, Spring MVC and MySQL
- Integration with Hudson continuous integration server
- Practice using SCRUM software development methodology

05.2009 - 08.2010

Entertainment Shopping AG, Munich, Germany

Senior IT Developer / Solution Architect

- Architecture and design for the central business application for bidding and bid processing
- Development in Java, J2EE, JPA, EJB3, JMS and MySQL
- Integration with Tibco EMS for the distribution of the application on to global data centers
- Work with Glassfish application server
- Introduction and implementation of testing using JUnit framework and functional testing via Selenium framework
- Integration with Hudson continuous integration server
- Practice using SCRUM software development methodology

05.2008 - 01.2009

IBM Canada, Toronto, Canada

Java Software Developer SOA ESB Tools (internship, part time)

- Software design and development for WebSphere Message Broker
- Enhancements for graphical user interface, and design and development of new features for WebSphere Message Broker Flow component
- Design and code refactoring for WebSphere Message Broker editors
- Maintaining and testing of existing code base, and analysis and resolving of reported defects
- Functional verification testing of WebSphere Message Broker and WebSphere Integration Developer
- Gained expertise in development on Eclipse platform

04.2007 - 02.2009

University of Toronto – Department of Computer Science, Toronto, Canada

Research Assistant – Artificial Intelligence, Computer Vision (part time)

- Worked on an object recognition system for exemplars using SIFT (Scale Invariant Feature Transform)
- Developed indexing methods for large multidimensional database
- Worked on methods for disambiguation of images with cluttered scenes
- Designed and developed a compound SIFT features with additional spatial relations
- Gained insight in computational cost of indexing algorithms as a function of database size

- 09.2007 - 02.2009 University of Toronto – Department of Computer Science, Toronto, Canada
Teaching Assistant (part time)
- ▶ Courses: Data Structures and Analysis (4th semester), Introduction to Computer Science (3rd semester), Introduction to Software Engineering (5th semester)
 - ▶ Weekly tutorial preparation and conduction
 - ▶ Office hours and answering questions on the course bulletin board
 - ▶ Assignment, test and exam marking and handling remark requests
- 05.2006 - 08.2006 York University and University of Toronto – Department of Computer Science, Toronto, Canada
Research Assistant Artificial Intelligence (part time)
- ▶ Extending OpenOME (Organization Modelling Environment) tool for requirement specification and analysis
 - ▶ Employed i* graphical notation for specifying models together with agent-oriented specification language
 - ▶ Worked on methods for specification of modelled goals and processes to perform formal analysis, verification and simulation
- 09.2004 - 05.2007 York University – Founders College, Toronto, Canada
Computer Administration / Technical Support (part time)
- ▶ Web design and maintenance (HTML, CSS, XML)
 - ▶ Software, hardware and network support for college staff

Education

- 09.2007 - 02.2009 University of Toronto, Canada
MSc in Computer Science - Computer Vision (GPA:100/100)
- 09.2004 - 04.2007 York University, Toronto, Canada
BA with Specialized Honours in Computer Science (GPA:91/100)
- 09.2004 - 09.2006 York University, Toronto, Canada
BA in Computer Science (GPA:92/100)
- 09.1999 - 04.2003 Technical University of Zagreb (BEng in Information Technology), Zagreb, Croatia
Continued at York University
- 09.1998 - 08.1999 University of Zagreb (BA in Mathematics), Zagreb, Croatia
Continued at Technical University of Zagreb
- 09.1994 - 07.1998 Highschool 'Gimnazija Pula', Pula, Croatia
Highschool degree

Professional development

- 2017 TM Forum Information Framework (SID) and Application Framework (TAM)
- 2017 Training in Reasoning and Debating (Argumentations- und Diskussionstraining)
- 2016 TOGAF 9 Foundation Level (The Open Group)
- 2015 Intensive Workshop: Leadership for Junior Executives (Intensivworkshop Führung für Nachwuchs-Führungskräfte)
- 2015 Scrum (Agile) 4 Management Workshop

Gertruda Grolinger

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2015	TM Forum Framework Knowledge and Business Process Framework (eTOM)
2014	ISTQB Certified Tester
2014	ISAQB Certified Professional for Software Architecture
2013	Successful Communication – Basics of Strategic Communication (Gelungene Kommunikation – Grundlagen und strategische Kommunikation)
2013	Social-psychological Principles of Communication and People Management (Sozialpsychologische Grundlagen der Kommunikation und Personalführung)
2012	hybris Core Developer Certification
2012	celum Tech Consultant Certification
2011	GPM/IPMA Project Management Certification (IPMA Level D)
2008	IBM Certified Database Associate for DB2 (DB2 9 Fundamentals)

Interests

Languages	English, German, Croatian (business fluent) Spanish, Italian (basics)
Hobbies	Skiing, fitness, inline skating