



MARC GIOMBETTI

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Nationality: Luxembourgish
Marital status: Married, one child

PROFESSIONAL EXPERIENCE

Since 04/2016

Swiss Reinsurance Company Ltd (Swiss Re), Luxembourg City & Zurich, Switzerland

Position: **IT Manager - Head Document Analytics Solutions (Vice President)**

I lead a team of 11 project managers, data scientists and software engineers in Swiss Re's information analytics unit. Together with my team members, I apply my broad understanding of computer science, algorithms, machine learning and big data technologies to drive the company's process automation projects around documents, contracts & claims automation. The team's focus is on artificial intelligence and natural language processing and our efforts have proven to generate more than 5M CMR only in the last year. My role includes organizing, marketing and selling of home grown and commercial analytics platforms and services to Swiss Re's internal clients and cedents as well as hiring and coaching of team members.

10/2013-03/2016

Swiss Reinsurance Company Ltd (Swiss Re), Zurich, Switzerland

Position: **Analytics Solution Engineer (Assistant Vice President)**

I applied my broad understanding of computer science, algorithms and big data technologies to build analytics applications to automate technical accounting and claims handling processed in reinsurance. This role required a mix of skills including data science, programming, software architecture & engineering and project management. I managed two offshore development and operations teams in India and Latvia.

01/2012-09/2013

Allianz Deutschland AG (Allianz Group), Munich, Germany

Position: **IT-Architect & Scrum Master**

In my role as IT-architect in the JavaEE web environment, I managed the web application technology stack and established sustainable enterprise architecture management practices. Furthermore, I initiated and grew the internal developer community (> 50 developers in two locations). Prior to that, I was a Scrum master of a 12 member team building online sales web portals targeting insurance brokers. I was responsible to organize and conduct the scrum meetings like planning, reviews, retrospectives and grooming. I took pleasure in coaching and mentoring my team to become more productive and in institutionalizing continuous improvement efforts.

09/2010-12/2011

Metafinanz GmbH (Allianz Group), Munich, Germany

Position: **IT-Consultant**

Lead developer of the search engine for Allianz Group (including portals allianz.com, allianz.de, ...) using Java technology in a portal server environment.

Technologies: JavaEE, Spring, Lucene, XML, XSLT, XML-RPC, REST, IBM WebSphere Portal Server

03/2010-09/2010

OSB AG, Munich, Germany

Position: **Java & Business Intelligence – Developer**

Development of a web-based corporate performance dashboard to generate insights into CRM & ERP data.

Technologies: Java, J2EE, Struts, Hibernate, MSSQL, CRM, ERP, XSLT, Jetty, FOP

- 08/2008-05/2009 **prevero AG, Munich , Germany**
Position: **Java & Business Intelligence – Developer** (working student)
Planning and realization of benchmarks to evaluate the performance of OLAP databases (Microsoft Analysis Services, Jedox Palo, Cognos TM1). Integration of Microsoft Analysis Services into the Prevero BI platform.
- 08/2006-10/2006 **Metaph sàrl, Blumenthal, Luxemburg**
Position: **Java & PHP – Developer** (working student)
Web application development for financial services clients.

■ EDUCATION

- 10/2007-02/2010 **Technische Universität München, Munich, Germany**
Degree: **Master of Science in Computer Science** (Grade: 1,3)
Master thesis: An analysis of software cost estimation methods with regard to quality requirements (in cooperation with Massachusetts Institute of Technology)
- 06/2009-12/2009 **Massachusetts Institute of Technology, Cambridge, Massachusetts, USA**
Visiting research assistant
Research area: Software Cost Estimation, Software Development Processes, Software Economics and Software Quality Assurance
- 10/2004-08/2007 **Technische Universität Kaiserslautern, Kaiserslautern, Germany**
Degree: **Bachelor of Science in Computer Science** (Minor: Economics; Grade: 2,2)
Bachelor thesis: Evaluating the architectural coverage of runtime traces
- 04/2007-07/2007 **Fraunhofer Institute for Experimental Software Engineering, Kaiserslautern, Germany**
Research assistant
Research area: Software Architecture Visualization and Evaluation
- 09/1997-07/2004 **Lycée de Garçons, Esch-sur-Alzette, Luxembourg**
Secondary School
Mathematics, Physics & Chemistry (1ère B)

■ CORE IT CAPABILITIES

- **Methods:** Agile Software Development, Technology Consulting, Machine Learning, Project Management, IT Cost Estimation, Natural Language Processing, Enterprise Architecture Management, Software Quality Assessment, OOA and OOD in UML, Design Patterns, Entity Relationship Modeling, Process Automation, Testing Practices, Strategic Thinking,...
- **Programming and Technology:** Java, R, PHP, SQL, XML, XSLT, XPath, R, HTML, JavaScript, Test automatization, Bash-Scripting, Relational databases, OLAP databases, Webservices, Linux, ...
- **Frameworks:** Hadoop, Apache Spark, Spring, Maven, JUnit, Selenium, Lucene, Apache POI, jQuery, ...
- **Tools:** IntelliJ IDEA, Hudson, Jenkins, Sonar, SVN, GIT, Microsoft Office, SAP ERP, ...

■ LANGUAGE SKILLS

- Fluent in speech and writing: **French, English, German**
- Mother tongue: **Luxembourgish**