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**Work Experience**

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| 09/2019 – now | **IT Consultant,** subcontracted by **Credit Suisse**.  Full stack development of the Credit Suisse pricing platform.  Strategic planning for the replacement of the graphical user interface. Research of the newest front-end technologies, determination of the optimal replacement solution and design and implementation of a Proof of Concept (PoC) using the most promising candidate. |
| 05/2017 – 05/2019 | **IT Consultant**, subcontracted by **SSI Schaefer.**  Development of a warehouse management system for Walmart U.S.A. Responsible for developing web flows, desktop GUI’s, API implementations, persistence layer development and backend feature implementation. |
| 08/2014 – 05/2017 | **Senior Technology Consultant**, employed by **BearingPoint**.  Consultant on the regulatory reporting and XBRL team. Development of the Extensible Business Reporting Language instance import functionality. Implementation of the EBA/EIOPA Filing Rule validation process. Development of XBRL to Excel applications. Interface set-up for "XBRL to Application". Implementation of components for Abacus DaVinci, Regulator and Solvency II. |
| 04/2012 - 08/2014 | **IT Specialist/Java EE Developer**, employed by **IBM**.  International projects in Cologne and Vienna. IT Consultant at REWE INFORMATIONS SYSTEME in Cologne. Expansion and maintenance of master data, interface implementation with third-party services and development of the REWE Payback customer loyalty program.  IT Specialist for IBM working on a project in Vienna. |

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| 08/2011 - 04/2012 | **Assistant Manager**, employed by **Auto Lugojana S.A**  Development of Logistics Management solutions, KPI Statistics and installation and maintenance of the Fleet Management System.  Manager of the Department of International Freight Transportation. |

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| 10/2010 - 08/2011 | **Java EE Application Developer**, employed by **SSI Schaefer**  Software development for a warehouse management system project in Cologne for the Beeline Group. Responsibilities included creation of KPI reports, conveyor freight routing optimizations, integration and API implementation of measurement systems and performance optimization. |

**Studies**

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| 2010 – 2013 | **Master of Science in Information Technology** – “Politehnica” University of Timișoara  Specialization: *Software Engineering*  Thesis: *“Social Networking Application with an Android client. Research in push notifications”* |
| 2006 – 2010 | **Bachelor of Science** – “Politehnica” University of Timișoara  Specialization: Computer Science  Thesis: *“Java distributed systems based on RMI technology”* |

**Foreign Languages**

German: fluent

English: fluent

Romanian: native

French: Basic knowledge

**Volunteer Work**

Since 2005 Past-President and Founding Member of the Rotaract Club Lugoj

**IT-Skills**

**Java:** Java SE (All versions), J2EE/JEE, Spring Framework, Spring Boot, Swing, SWT, ODBC, JDBC, JAXB, JAX-WS/JAX-RS (Soap, Rest), EJB, JPA, JSF, Hibernate, Servlets and JSP, Threads, JSSE

**Database:** Oracle (10.g, 11.g, 10 XE, 11 XE), IBM DB2, Derby, PostgreSQL, MySQL, HSQLDB, MS Access

**SQL:** PL/SQL Oracle, PL/SQL DB2, General SQL

**Data communication, protocols and markup:** XML, XSD, XBRL, TCP/IP, JSON,

**Testing and static analysis:** Junit, DBUnit, Mockito, PowerMock, SonarQube, Checkstyle, FindBugs

**Application Servers and Containers:** JBoss, Websphere, Glassfish, Tomcat, Wildfly, WebLogic

**Build Tools & Versioning:** GIT, SVN, CVS, Maven, Gradle

**Other programming languages:** C, Java/Android development, Javascript

**Virtualization:** Docker

**Tools**

**Java:** Eclipse, IntelliJ IDEA, Netbeans, Rational Application Developer, Rational Software Architect, Microsoft Visual Studio

**Version Control & Integration:** WinCVS, Subversion, TortoiseSVN, Jenkins, Nexus, Quickbuild, TortoiseGit

**Database:** SQL Developer, Power Designer, Quest TOAD, SQuirreL,

**OOD/UML:** Magic Draw, StarUML, Vision, Enterprise Architect, Rational Rose

**Bug tracking:** JIRA

**Performance and Monitoring:** Java Mission Control, JProfiler, Yourkit

**Other Tools:** Postman, Putty, WinSCP, Arelle, MS Office

**Trainings & Certificates**

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| 2015  2015  2008  2005 | **ISTQB** Certification  **Train the Trainer** Certification  **Alcatel GSM Telecommunications Course**  **German Language Diploma – *Sprachdiplom*** |
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**Project Experience**

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| Employed by: | **Q-Perior / Freelance** |
| Customer: | **Credit Suisse** |
| Project name: | XPP |
| Project duration: | 09/2019 – 12/.2019 |
| Team size: | 7 |
| Role in the project: | IT Consultant & Software Developer |
| Technical environment: | Java EE, Java 8, JSF, PrimeFaces, Hibernate, SQL, Oracle DB, IBM MQ, Jenkins, JAX-RS, JAX-B, GIT, Maven, Artifactory, WebLogic |

**Project technical background**

Full-stack development on the Credit Suisse Extended Pricing Platform.

**Tasks and responsibilities**

* Java Migration
* Change Request development front- and backend
* Bug fixing and maintenance
* Performance optimization
* Production incident support
* Development strategy

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| Employed by: | **Q-Perior / Freelance** |
| Customer: | **Credit Suisse** |
| Project name: | XPP |
| Project duration: | 09/2019 – 12/.2019 |
| Team size: | 1 |
| Role in the project: | IT Consultant & Software Developer |
| Technical environment: | Java EE, Java 7/8, JSF, PrimeFaces, Vaadin, JavaFX, Angular, React, Vue, Wicket, Tapestry, GWT, ZK Framework, JSPlumb, GoJs, TeaVM, JSweet, REST |

**Project technical background**

Strategic planning and research of the newest front-end technologies for the GUI replacement.

**Tasks and responsibilities**

* Analysis of the application
* Determination of the decision criteria
* Research of the technologies
* PoC implementation
* Documentation of the decision

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| Employed by: | **Freelancer** |
| Customer: | **SSI Schäfer Bremen** |
| Project name: | Walmart USA Warehouse Management System |
| Project duration: | 15.05.2017 – 01.05.2019 |
| Team size: | 20 |
| Role in the project: | IT Consultant & Software Developer |
| Technical environment: | Java, JavaEE, JSF, SWT, Oracle DB, Servlets, PL/SQL, Hibernate, EJB, Eclipse, SVN, Jira, XML, Wildfly |

**Project technical background**

As part of the WMS-USA project, SSI Schäfer had to supply several fully automated warehouses that should be cost-effective and efficient in processing the goods and divide them into orders.

**Tasks and responsibilities**

* Analysis of technical requirements and implementation of the solution concepts
* Implementation and extension of various WMS functionalities
* Implementation of various dialogues for web and desktop GUI
* Implementation of various interfaces
* Bug fixing & Testing

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| Employed by: | **BearingPoint** |
| Customer: | **Deutsche Bundesbank, BNR, Zurich, DZ Bank and others** |
| Project name: | Last Mile & XBRL Reporting |
| Project duration: | 08/2014 – 05/2017 |
| Team size: | 14 |
| Role in the project: | Software developer |
| Technical environment: | Java EE, Java 7/8, XBRL/XML, Maven, Tomcat, Apache POI, Arelle, Oracle 11.g, PL/SQL, Spring Boot, XSD, Git, CVS, Eclipse, Java Mission Control, JProfiler, Nexus |

**Project technical background**

XBRL™ is a freely available electronic language for "financial reporting," i.e. the exchange of information from and about companies, in particular financial statements. XBRL provides a standard for creating, publishing, evaluating, and comparing such information.

The product Abacus is the standard software for banking regulatory reporting. More than 180 institutions submit the regulatory reports with ABACUS/DaVinci to the supervisory authorities.

**Tasks and responsibilities**

* Creation of IT specifications and technical documentation
* Analysis and design of the data model
* Implementation of XBRL to Excel automation processes
* Implementation of the XBRL Import Functionality for Abacus
* Implementation of EBA and EIOPA Filing Rules validations
* Component implementation for Abacus DaVinci, Regulator, and Solvency II

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| Employed by: | **IBM** |
| Project name: | **Confidential** |
| Project duration: | 11/2013 – 08/2014 |
| Team size: | 11 |
| Role in the project: | Software Developer |
| Technical environment: | Java, JEE, Swing, Spring, JSF, DB2, Oracle 11g, RSA, Maven, SVN, Jira, Junit, Nexus |

**Project technical background**

A governmental application used by public institutions in Austria.

**Tasks and responsibilities**

* Creation of IT specifications
* Expense estimation for new change requests
* Implementation of complete swing applications
* Expansion of existing web applications
* Bug fixing
* Testing



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| Employed by: | **IBM** | |
| Project name: | **REWE KUBI (customer loyalty system)** | |
| Project duration: | 06/2013 – 11/2013 | |
| Team size: | 12 | |
| Role in the project: | Software Developer | |
| Technical environment: | JEE, DB2, Tomcat, JDK 7, JAX-WS, JAXB, SOAP, Spring, Threads, Junit, Mockito, |
|  | DBUnit, Maven, RAD, SVN, Jira, Magic Draw, |
|  | QuickBuild, Nexus, PowerDesigner |

**Project technical background**

The customer loyalty system aims to use the Payback system (third-party vendor) as a REWE customer card. The REWE Cashier Online System (KOS) must therefore be placed in conjunction with the Payback system. As part of the project, various batches and web services are to access and supplement the coupon metadata and enable the creation of efficient communication between KOS and Payback.

**Tasks and responsibilities**

* Clarification of the requirements with Operations and Payback
* Creating IT specifications
* Analysis and design of the data model
* Implementation of the coupon metadata import via SOAP interfaces
* Implementation of coupon metadata reorganization jobs
* Integration tests and load tests



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| Employed by: | **IBM** | |
| Project name: | **REWE SAM AQUA** | |
| Project duration: | 04/2012 – 06/2013 | |
| Team size: | 6 | |
| Role in the project: | Software Developer | |
| Technical environment: | Java, Swing, Servlets, EJB, IBM RAD, IBM Websphere Application Server |
|  | DB2, Spring, Maven, SVN, RAD, Jira, Junit, Quickbuild, MagicDraw, Nexus |

**Project technical background**

SAM (Sales Activity Management) is an application of REWE responsible for managing article master data and controlling the article sales actions. As part of the project, SAM and a third-party service SINFOS will be connected. SINFOS contains a data pool for article master data which is controlled and edited by the suppliers. REWE uses the SINFOS data pool to retrieve this item master data and reuse it in the SAM application.

**Tasks and responsibilities**

* Clarification of requirements with Operations
* Creating IT specifications
* Expense estimation
* Feature and change request implementation
* Dev-, Load- and System-Testing



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| Employed by: | **SSI Schäfer** | |
| Project name: | **Beeline Group, Cologne** | |
| Project duration: | 10/2010-08/2011 | |
| Team size: | 6 | |
| Role in the project: | Software Developer | |
| Technical environment: | Java, JavaEE, SWT, Oracle DB, Servlets, PL/SQL, Hibernate, EJB, Eclipse, |
|  | CVS, SVN, Jira, TOAD, VISIO |

**Project technical background**

As part of the Beeline WMS project, SSI Schäfer should deliver a fully automated warehouse that should be cost-effective and efficient in processing goods and dividing them into orders.

**Tasks and responsibilities**

* Analysis of technical requirements and creation of solution concepts
* Implementation and extension of various WMS functionalities
* Implementation of various dialogues for KPI statistics
* Optimizing latencies and down-time by incorporating caches at workstations
* Implementation of interfaces for different measuring devices (scales, volume
* Scanners, barcode readers)
* Implementation of an interface with third-party software for voice-activated processing of goods
* Bug fixing and statistics
* Testing





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| Employed by: | **Auto Lugojana** | |
| Project name: | **ALG Fleet Management System** | |
| Project duration: | 08/2011-04/2012 | |
| Team size: | 5 | |
| Role in the project: | Assistant Manager and Software Developer | |
| Technical environment: | Java, JDBC, MySQL, iReport, Swing, Apache POI, iText |

**Project technical background**

As part of the project, a complete logistics management solution had to be built in order to optimize international freight transportation.

**Tasks and responsibilities**

* Installing a third-party GPS Fleet Management System on all trucks
* Implementation of the interface to the FMS
* Implementation of various reports for KPI statistics
* Implementation of User Management and Administration interfaces
* Implementation of the interface to the third-party accounting system
* Maintenance and system testing