# **PERSONAL**

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| Birthday: | 06.03.1976 |
| Birthplace: | Berlin |
| Family status: | single |
| Nationality: | german |
| Qualification: | Diplom-Informatiker ([TU Berlin](http://www.tu-berlin.de/)) |

# **EDUCATION**

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| 1996 - 2005 | Computer science at the Technical University Berlin |
| 1997 - 1998 | Military service |
| 1989 - 1995 | Adolph Diesterweg Gymnasium (further secondary school) |
| 1982 - 1989 | Anne Frank Elementary School |

# **PROFESSIONAL** **EXPERIENCE**

## **SELF**

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| 10.2019 - 10.2020 | [Siemens Mobility GmbH](https://www.mobility.siemens.com/global/de.html) |
| Industry | railway |
| Project | Various |
| Description | Maintenance for various projects |
| Roles | ci, development, test |
| Technologies | [auth0](https://auth0.com/de/) , [h2](http://www.h2database.com/html/main.html) , [hamcrest](http://hamcrest.org/) , [java](https://www.oracle.com/de/java/) , [junit](https://junit.org/) , [lombok](https://projectlombok.org/) , [mockito](https://site.mockito.org/) , [oauth2](https://oauth.net/2/) , [okta](https://www.okta.com/) , [postgresql](https://www.postgresql.org/) , [resteasy](https://resteasy.github.io/) , [springboot](https://spring.io/projects/spring-boot/) , [springsecurity](https://spring.io/projects/spring-security/)  |

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| 05.2020 - 09.2020 | [Siemens Mobility GmbH](https://www.mobility.siemens.com/global/de.html) |
| Industry | railway |
| Project | Ticketing System |
| Description | Backend for an internally used ticketing system for maintenance purposes. The backend provides the REST API for an angular based frontend |
| Roles | ci, development, test |
| Technologies | [h2](http://www.h2database.com/html/main.html) , [hamcrest](http://hamcrest.org/) , [java](https://www.oracle.com/de/java/) , [junit](https://junit.org/) , [lombok](https://projectlombok.org/) , [mockito](https://site.mockito.org/) , [rest](https://en.wikipedia.org/wiki/Representational_state_transfer/) , [resteasy](https://resteasy.github.io/) , [springboot](https://spring.io/projects/spring-boot/) , [springsecurity](https://spring.io/projects/spring-security/)  |

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| 03.2020 - 09.2020 | [Siemens Mobility GmbH](https://www.mobility.siemens.com/global/de.html) |
| Industry | engineering |
| Project | TDP |
| Description | Management UI for a 3D camera used to assist with the installation of complex machinery |
| Roles | development, test |
| Technologies | [c#](https://docs.microsoft.com/en-us/dotnet/csharp/) , [wpf](https://docs.microsoft.com/en-us/dotnet/desktop/wpf/?view=netdesktop-5.0)  |

## FERCHAU GMBH

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| 05.2019 - 09.2019 | [Siemens Mobility GmbH](https://www.mobility.siemens.com/global/de.html) |
| Industry | railway |
| Project | E-Highway |
| Description | Maintenance for the eHighway backend software which collects and analyzes telemetry data for the E-Highway project |
| Roles | ci, development, test |
| Technologies | [h2](http://www.h2database.com/html/main.html) , [hamcrest](http://hamcrest.org/) , [java](https://www.oracle.com/de/java/) , [junit](https://junit.org/) , [lombok](https://projectlombok.org/) , [mockito](https://site.mockito.org/) , [postgresql](https://www.postgresql.org/) , [resteasy](https://resteasy.github.io/) , [springboot](https://spring.io/projects/spring-boot/) , [springsecurity](https://spring.io/projects/spring-security/)  |

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| 08.2018 - 11.2018 | [Siemens Mobility GmbH](https://www.mobility.siemens.com/global/de.html) |
| Industry | railway |
| Project | ECS Charger Management |
| Description | Backend and frontend for an application to manage charging stations and their configurations |
| Roles | ci, development, test |
| Technologies | [h2](http://www.h2database.com/html/main.html) , [hamcrest](http://hamcrest.org/) , [java](https://www.oracle.com/de/java/) , [junit](https://junit.org/) , [lombok](https://projectlombok.org/) , [mockito](https://site.mockito.org/) , [react](https://reactjs.org/) , [rest](https://en.wikipedia.org/wiki/Representational_state_transfer/) , [resteasy](https://resteasy.github.io/) , [springboot](https://spring.io/projects/spring-boot/) , [springsecurity](https://spring.io/projects/spring-security/) , [typescript](https://www.typescriptlang.org/)  |

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| 2018 - 09.2019 | [Siemens Mobility GmbH](https://www.mobility.siemens.com/global/de.html) |
| Industry | railway |
| Project | SmartDocuments |
| Description | Server application providing technical documentation served by Apps (connected through REST) |
| Roles | ci, development, test |
| Technologies | [auth0](https://auth0.com/de/) , [h2](http://www.h2database.com/html/main.html) , [hamcrest](http://hamcrest.org/) , [java](https://www.oracle.com/de/java/) , [junit](https://junit.org/) , [lombok](https://projectlombok.org/) , [mockito](https://site.mockito.org/) , [oauth2](https://oauth.net/2/) , [okta](https://www.okta.com/) , [postgresql](https://www.postgresql.org/) , [resteasy](https://resteasy.github.io/) , [springboot](https://spring.io/projects/spring-boot/) , [springsecurity](https://spring.io/projects/spring-security/)  |

## APERTO GMBH

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| 2015 - 2016 | [Aperto GmbH](https://www.aperto.com/de) |
| Industry | webagency |
| Project | Component Development |
| Description | * Relaunches of websites for clients such as [Migros](https://www.migros-shop.de/?utm_source=bing&utm_medium=cpc&utm_campaign=DE | Brand | Migros Shop&utm_term=migros&utm_content=Migros Shop) , [Rossmann](https://www.rossmann.de/de/) , [VDA](https://www.vda.de/de)
* Prototypical development of handlebar/frontend integration in Magnolia CMS ( [Presentation, checkout 32:05](https://www.youtube.com/watch?v=pMS5ncxxdAc) )
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| Roles | development, test |
| Technologies | [fop](https://xmlgraphics.apache.org/fop/2.0/) , [freemarker](https://freemarker.apache.org/) , [hamcrest](http://hamcrest.org/) , [java](https://www.oracle.com/de/java/) , [jax-ws](https://javaee.github.io/metro-jax-ws/) , [lombok](https://projectlombok.org/) , [maven](https://maven.apache.org/) , [testng](https://testng.org/doc/)  |

## Q-VI TECH GMBH

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| 2013 | [Aperto GmbH](https://www.aperto.com/de) |
| Industry | webagency |
| Project | PDF Generator |
| Description | Highly parallelized application to generate PDF documents like account statements, notices etc. Templates for the generation can be easily created/modified using a pseudo HTML notation undestandable for non-it people. |
| Roles | design, development, test |
| Technologies | [fop](https://xmlgraphics.apache.org/fop/2.0/) , [freemarker](https://freemarker.apache.org/) , [hamcrest](http://hamcrest.org/) , [java](https://www.oracle.com/de/java/) , [jax-ws](https://javaee.github.io/metro-jax-ws/) , [lombok](https://projectlombok.org/) , [maven](https://maven.apache.org/) , [testng](https://testng.org/doc/)  |

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| 2012 - 2013 | [Carmeq GmbH](http://www.carmeq.com/)  |
| Industry | automotive |
| Project | AIT (Application Interfaces Tool) |
| Description | Development of a modelling tool for the Application Interfaces of the AUTOSAR standard |
| Roles | ci, development, test |
| Technologies | [eclipsercp](https://www.eclipse.org/downloads/packages/release/2020-12/r/eclipse-ide-rcp-and-rap-developers/) , [ecore](https://www.eclipse.org/modeling/emf/) , [emf](https://www.eclipse.org/modeling/emf/) , [java](https://www.oracle.com/de/java/) , [maven](https://maven.apache.org/) , [stringtemplate](https://www.stringtemplate.org/) , [subversion](https://subversion.apache.org/) , [tycho](https://projects.eclipse.org/projects/technology.tycho/)  |

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| 2011 - 2014 | [Q-vi Tech GmbH](https://www.qvitech.com/) |
| Industry | service |
| Project | Inhouse |
| Description | * Development of webcrawlers to extract event data for the mobile app Eventoo
* Installation and administration of Projektron, JIRA and Confluence
* BIRT report designs for Projektron
* Development of a software to detect code plagiarism
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| Roles | administration, development, test |
| Technologies | [birt](https://www.eclipse.org/birt/) , [eclipselink](https://www.eclipse.org/eclipselink/) , [java](https://www.oracle.com/de/java/) , [jax-rs](https://jcp.org/en/jsr/detail?id=311) , [jax-ws](https://javaee.github.io/metro-jax-ws/) , [jpa](https://jakarta.ee/specifications/persistence/) , [ldap](https://de.wikipedia.org/wiki/Lightweight_Directory_Access_Protocol/) , [maven](https://maven.apache.org/) , [mongodb](https://www.mongodb.com/) , [mysql](https://www.mysql.com/de/) , [orientdb](https://orientdb.org/) , [postgresql](https://www.postgresql.org/) , [projektron](https://www.projektron.de/) , [spring](https://spring.io/)  |

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| 2011 | [Thales](https://www.thalesgroup.com/en)  |
| Industry | railway |
| Project | ASN.1 generator |
| Description | Generator for security sensitive message data structures using an ASN.1 input |
| Roles | development, test |
| Technologies | [c++](https://isocpp.org/) , [java](https://www.oracle.com/de/java/) , [stringtemplate](https://www.stringtemplate.org/)  |

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| 2011 | [Andrä AG](http://kasisoft.test:1313/cv/%25%21s%28%3Cnil%3E%29) |
| Industry | services |
| Project | Ontram |
| Description | Support for the extension of the JSF based Ontram translation software |
| Roles | development, test |
| Technologies | [activemq](https://activemq.apache.org/) , [ant](https://ant.apache.org/) , [hibernate](http://hibernate.org/) , [java](https://www.oracle.com/de/java/) , [jboss](https://www.jboss.org/) , [jquery](https://jquery.com/) , [jsf](http://www.javaserverfaces.org/) , [oracledb](https://www.oracle.com/database/) , [seam](http://seamframework.org/)  |

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| 2010 | [Rhenus SE & Co KG](http://www.de.rhenus.com/) |
| Industry | logistics |
| Project | ZLI |
| Description | * Development of a unified API for the interoparability using techniques such as Mail, SOAP, FTP etc
* Development of a library component used for barcode scanners for incoming/outgoing goods
 |
| Roles | development, test |
| Technologies | [c#](https://docs.microsoft.com/en-us/dotnet/csharp/) , [ftp](https://de.wikipedia.org/wiki/File_Transfer_Protocol/) , [mysql](https://www.mysql.com/de/)  |

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| 2009 | [Carmeq GmbH](http://www.carmeq.com/) |
| Industry | automotive |
| Project | MMT2 (Meta Model Tool 2) |
| Description | Planning and realization of the MMT2 based upon the preexisting MMT1. This tool takes the AUTOSAR modelling from the engineers and generates technical documentation/code for engineers to be used. |
| Roles | ci, design, development |
| Technologies | [ant](https://ant.apache.org/) , [cruisecontrol](http://cruisecontrol.sourceforge.net/) , [eclipsercp](https://www.eclipse.org/downloads/packages/release/2020-12/r/eclipse-ide-rcp-and-rap-developers/) , [ecore](https://www.eclipse.org/modeling/emf/) , [emf](https://www.eclipse.org/modeling/emf/) , [enterprisearchitect](https://sparxsystems.com/) , [html](https://html.spec.whatwg.org/multipage/) , [java](https://www.oracle.com/de/java/) , oaw , [poi](https://poi.apache.org/) , [stringtemplate](https://www.stringtemplate.org/) , [xml](https://www.w3.org/TR/2006/REC-xml11-20060816/) , [xsd](https://www.w3.org/TR/xmlschema11-1/)  |

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| 2008 | [Pro Direct Finance GmbH](https://www.pro-direct-finance.de/) |
| Industry | finance |
| Project | Credit offer comparisons |
| Description | Web application built using JSF which gathers basic information and provides a comparison of multiple credit offers (without Javascript on the client side) |
| Roles | development, test |
| Technologies | [activemq](https://activemq.apache.org/) , [ant](https://ant.apache.org/) , [ejb3](https://ejb3.jboss.org/) , [glassfish](https://javaee.github.io/glassfish/) , [java](https://www.oracle.com/de/java/) , [jax-ws](https://javaee.github.io/metro-jax-ws/) , [jsf](http://www.javaserverfaces.org/) , [junit](https://junit.org/) , [mysql](https://www.mysql.com/de/) , toplink |

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| 2007 - 2011 | [Iwanter GmbH](http://kasisoft.test:1313/cv/%25%21s%28%3Cnil%3E%29) |
| Industry | logistics |
| Project | ZLI |
| Description | Enterprise resource planning system including integration of external systems using FTP and SOAP |
| Roles | design, development, maintenance, test |
| Technologies | [ant](https://ant.apache.org/) , [axis](https://axis.apache.org/axis/) , [dbunit](http://www.dbunit.org/) , [gwt](http://www.gwtproject.org/) , [hibernate](http://hibernate.org/) , [ibatis (mybatis)](https://mybatis.org/mybatis-3/) , [java](https://www.oracle.com/de/java/) , [java-mail](https://www.oracle.com/java/technologies/javamail-api.html) , [jax-ws](https://javaee.github.io/metro-jax-ws/) , [joda](https://www.joda.org/joda-time/) , [junit](https://junit.org/) , [mockito](https://site.mockito.org/) , [mysql](https://www.mysql.com/de/) , [quartz](http://www.quartz-scheduler.org/) , [spring](https://spring.io/)  |

## ATOS ORIGIN GMBH

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| 04.2005 - 12.2005 | [Atos Origin GmbH](https://atos.net/de/deutschland) |
| Industry | b2b |
| Project | Message View |
| Description | * Software Developer around Eclipse based RCP applications like the Business Object Modeler and the Object Browser
* Tooling around EDIFACT, Odette, VDA, SAP IDOC messages for B2B markets
 |
| Roles | development, test |
| Technologies | [eclipsercp](https://www.eclipse.org/downloads/packages/release/2020-12/r/eclipse-ide-rcp-and-rap-developers/) , [java](https://www.oracle.com/de/java/)  |

## IT POWER GMBH

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| 01.2005 - 02.2005 | [IT Power GmbH](http://www.itpower.de/) |
| Industry | automotive |
| Project | Graph visualization |
| Description | Software Developer (student) in order to visualize optimizing procedures |
| Roles | development, test |
| Technologies | [java](https://www.oracle.com/de/java/) , [jgraph](https://github.com/jgraph/)  |

## DAIMLERCHRYSLER AG

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| 2001 - 2003 | [DaimlerChrylser AG](https://www.daimler.com/de/)  |
| Industry | automotive |
| Project | ITT |
| Description | Testcase generation using evolutionary structural testing aproach |
| Roles | development, test |
| Technologies | [ant](https://ant.apache.org/) , [java](https://www.oracle.com/de/java/) , [jgraph](https://github.com/jgraph/)  |

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| 2000 | [DaimlerChrylser AG](https://www.daimler.com/de/)  |
| Industry | automotive |
| Project | CTE XL |
| Description | Development of a testcase modelling using the classification tree method |
| Roles | development, test |
| Technologies | [java](https://www.oracle.com/de/java/) , [xml](https://www.w3.org/TR/2006/REC-xml11-20060816/)  |