



ALEXEY TSCHUDNOWSKY

WEB ENGINEER
SOFTWARE ARCHITECT
RESEARCHER

<http://tschudnowsky.de>

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ABOUT ME



Berlin, Germany

Hello, I'm Alexey Tschudnowsky. A Web engineer, software architect and researcher, who loves to explore new technologies, to apply them in a systematic way and to share his knowledge with others.

My areas of expertise include Web/Software Engineering, Information Security, Semantic Web and End-User Development. I hold a PhD in computer science and have a long year experience in national and international research projects.

TECHNICAL SKILLS

Web Engineering

SOA, REST, MVC, Component-based Development, Design Patterns, UML

95%

Programming

C#, PHP, JavaScript, Java, SQL/NoSQL, Scrum, TDD, Clean Code

85%

Security

Cryptography, SSL/TLS, PGP, Single Sign-On, Federations, OAuth

85%

Advanced Web Technologies

Service Composition, End-User Development, Semantic Web, Linked Data

95%

Infrastructure Maintenance

Linux, Windows, Web Server, Java Servlet Container, Databases

85%

SOFT SKILLS

Team Management & Leadership

Feedback-, Criticism-, Conflict-Management, Staff Motivation

85%

Knowledge Transfer

Presentations, Seminars, Tutorials

95%

Meeting Facilitation

Preparation, Structuring, Facilitation

70%

Project Management

Structuring, Organization, Reporting

70%

EMPLOYMENT

- 04.2020 - PRESENT ● **HEAD OF TI-DEVELOPMENT**
gematik GmbH, Berlin, Germany
Strategic department development, employee development, process optimization, resource planning
- 10.2016 - 03.2020 ● **HEAD OF DEVELOPMENT**
COPRA System GmbH, Berlin, Germany
Optimized and ensured the development process according to ISO 62304, led a team of 9 developers and testers, designed and documented software architectures, evaluated technologies, organized knowledge exchange meetings and conference visits, consulted product owners and support
- 10.2015 - 09.2016 ● **LEADING SOFTWARE DEVELOPER**
Hermes Concept GmbH, Berlin, Germany
Developed E-Commerce Web applications using .NET/MSSQL and PHP/MySQL, supervised an external development team
- 09.2010 - 10.2015 ● **RESEARCH ASSISTANT**
Distributed and Self-Organizing Systems Group, Technische Universität Chemnitz, Germany
Research, Publication and Work Package Management in the context of the European Research Project OMELETTE, Prepared educational materials, managed seminars and tutorials, supervised thesis projects
- 04.2008 - 06.2010 ● **SOFTWARE DEVELOPER**
Christof Gerhard GmbH & Co KG Unternehmensberatung, Olpe, Germany
Developed Web applications using Java Swing, Java Servlets, Tomcat, MySQL
- 11.2007 - 02.2010 ● **STUDENT ASSISTANT**
Faculty of Computer Science, Technische Universität Chemnitz, Germany
Conducted tutorials on "Basics of Computer Science", "Algorithms and Data Structures", "Theoretical Computer Science"
- 09.2005 - 03.2008 ● **SOFTWARE DEVELOPER**
MyMotion, Chemnitz, Germany
Developed Desktop and Web applications using Java Swing, Java Servlets, Tomcat, MySQL

EDUCATION

09.2010 -
02.2017

PHD IN COMPUTER SCIENCE

Technische Universität Chemnitz, Chemnitz, Germany

Distributed and Self-Organizing Systems Group, Department of Computer Science. Research topic: "End-User Development of Web-based Decision Support Systems".

04.2005 -
08.2010

DIPLOMA IN COMPUTER SCIENCE

Technische Universität Chemnitz, Chemnitz, Germany

Thesis: "Supporting Development of Linked-Data Applications".

Grade: 1.0

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