

02/2012 – today: Freelance Software Engineering Consultant

- * Coaching, concept, development, consulting in modern Software Engineering
- * C++ and Python
- * (Meta-)Modelling, Computer Vision, Robotics, IoT, Cloud
- * Traceability, Agility, Scrum, LeSS, TDD, Clean Coding, Clean Architecture

01/2012 – 01/2012: Software Engineering Consultant, Mettler-Toledo AG, Greifensee

- * Lead of multiple Scrum-Teams with 20 employees
- * Architecture

07/2001 – 12/2011: Software Engineering Consultant, Zühlke Engineering AG, Schlieren

- * Climbing the entire job ladder in the Software-Engineering area: Engineer (1-3), Architect, Consultant
- * Focus on Industry, Realtime Systems and (Meta-)Modelling
- * Staffing, building and lead of Teams with 3 to 20 members
- * Extensive further training in these areas: Testing, Estimation, Quality
- * Certificates in Java, C#, Rhapsody and Project Management

10/1997 - 06/2001: Development Engineer Control Systems, SIG / FIAT / ALSTOM, Neuhausen am Rheinflall

- * System- and Software-Engineer
- * Specification, Development, Test
- * PC- and (Deeply) Embedded Software, safety critical
- * Simulation and Automation
- * Device Driver development

03/1993 - 09/1997: Study, Diplom-Ingenieur Maschinenbau & CA-Technologien, Fachhochschule Konstanz

- * Special Interest in FEM, CA-technologies, computer appliance, Control systems
- * Creation of a Software tool for technical layout of breaks
- * Diploma thesis: Concept and Development of a Simulation software for distributed realtime systems

10/1991 - 09/1992: Military service, Technische Schule des Heeres in Eschweiler

- * Basic service in Eschweiler near Aachen / Technische Schule des Heeres
- * Remaining time of duty at a tank platoon in Stetten am kalten Markt as a Stabsdienstsoldat

08/1982 - 07/1991: Abitur, Klettgau-Gymnasium in Tiengen

- * Advanced courses in mathematics and physics
- * Talent program
- * General interest in technology and science