
Uwe S. Schwarzwaelder

IT Strategy · Transformation · Technology and Knowledge Transfer

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Professional Profile

Computer science graduate (Diplom-Informatiker (FH)) with more than 35 years of experience in technology, projects and knowledge transfer. I combine technical understanding with the ability to structure complex situations, bring different perspectives together and translate change into sustainable solutions.

My technical foundation combines electrical engineering and computer science with IT infrastructure, information security and earlier projects in production IT and operational technology. I work with executive management, business departments, technical teams and external partners. Functional leadership and knowledge transfer support delivery.

Career focus: Cross-functional responsibility for transformation and the development of technology, processes and organisations, with a focus on business impact, scope to shape change and accountability for results. Primarily permanent employment; consulting and interim assignments also considered. Leipzig, hybrid or remote. **Available from 1 November 2026.**

Professional Experience

Since 08/2026 | Career Transition

Focus on transformation and collaboration across functions following completion of professional development in July 2026.

11/2025 - 07/2026 | Professional Development

Further study in project management, agile methods, leadership and AI; courses at Karriere Tutor from January to July 2026, including external certifications. Practical exploration of n8n and local AI alongside independent study of operating systems and system security.

11/2023 - 10/2025 | Rahn Education, Leipzig

IT Project Lead / IT Infrastructure and Project Manager

- Planning, managing and delivering IT projects for more than 30 German institutions; developing an agreed strategy for part of the IT function.
- Coordinating business departments, institutions and service providers; clarifying responsibilities, risks, schedules and quality objectives.
- Central IT asset inventory, migration strategies and access management with Microsoft Entra ID; technology selection and client management design using Microsoft Intune.

Result: Annual savings of €100,000 through central IT asset inventory. A revised client management approach identified a further €600,000 in annual savings potential; this was not realised because the project was discontinued.

Professional Experience

02/2018 - 07/2025 | Rahn Education, Leipzig

Computer Science Teacher, Subject Lead and School IT Coordinator

- Teaching computer science; providing professional guidance and development for up to five teachers and developing school curricula.
- Connecting educational, technical and organisational requirements; managing approximately 150 laptops and around 500 users.
- Internal teacher training on ChatGPT and schulKI, alongside practical AI projects and teaching concepts.

Periods of responsibility: Subject lead, 02/2018 - 07/2024; school IT coordination, 02/2018 - 02/2023. From November 2023, teaching ran alongside IT project work within a combined employment arrangement.

09/2017 - 01/2018 | Free State of Saxony, Leipzig

Computer Science and Mathematics Teacher · Oberschule Paunsdorf

Entry into teaching through a career-change programme; explaining complex subjects to diverse groups of learners.

01/2002 - 08/2017 | Semmer Spedition, Niederwinkling

IT Lead / Senior Systems, Security and Network Specialist

Self-employed, part-time engagement; overall IT responsibility from 2005.

- Building and developing IT across multiple sites; functional leadership of up to five team members.
- Modernisation and digitalisation projects, cloud migration, and standardisation of systems, access rights and operating processes.
- Working with executive management and business departments, managing external providers and training employees.

09/2010 - 07/2016 | State Vocational School, Passau

Part-time Teacher for IT Vocational Programmes

Teaching networked systems, application development and programming to trainee IT specialists. Transferring practical knowledge from my own projects and supporting the school's IT administration.

02/2005 - 06/2010 | Bezirksklinikum Mainkofen

Technical Network Project Manager · Part-time

- Planning and building a facility management network integrating IT with technical energy and security systems.
- Process visualisation for a biomass power plant and ventilation systems; DDC measurement and control systems and secure remote access.
- Working with hospital staff, technical service providers and security stakeholders in an operationally critical environment.

Consulting and International Projects

10/1988 - 01/2018 | phi.net · IT Consulting and Training

Self-employed consulting, development and training for businesses, public authorities and educational institutions. Network and security architectures, systems integration and infrastructure modernisation. Inactive since February 2018.

The following are selected client projects, some carried out concurrently. They complemented part-time employment and teaching roles.

08/2005 - 06/2006 | AEROMARITIME / Royal Navy of Oman

Senior Communications & Security Specialist · Germany / Oman

Planning and implementing a secure communications system; coordinating technical project contributors and providing functional leadership for four team members. Preparing training materials and delivering technical training in English to officers and crew members.

01/2002 - 12/2005 | Siemens VDO / Agilent Technologies

IT Systems Specialist and Developer

Developing a standardised Windows software environment for industrial PC-based production and test systems deployed worldwide. Systems analysis, troubleshooting and system hardening.

11/2000 - 02/2002 | MCI WorldCom · Europe / USA

Senior Networking & Security Specialist

Global network and security infrastructures; coordinating technical implementations and providing functional leadership for internationally distributed teams of up to eight people.

01/1999 - 07/2016 | Passau/Vilshofen Vocational School Association

External IT Consultant · Part-time

Designing and developing network infrastructure, supporting migrations, and advising and training IT staff.

Earlier Experience in Development, Operations and Training

- **1994 - 2006:** IT training for DeTeCSM, Integrata, Telekom and DeTeMobil; operating systems, networks and IT security.
- **1996 - 1997:** IT staff member, Bezirksklinikum Mainkofen, part-time; UNIX systems, communications services and system migration.
- **1992 - 1995:** Connectivity seminars for Siemens; **1992 - 1993:** systems engineering for Sun Microsystems.
- **1988 - 1992:** Support and training in the BSP environment; Xenix/UNIX product management in 1991.

Areas of Expertise

Transformation and projects: Clarifying scope, structuring work, stakeholder coordination, risk and change management, and service provider coordination.

Technology: IT infrastructure, Microsoft 365, Entra ID, Intune, Windows/Linux/UNIX, networks and information security. Historical IT/OT experience: production and test systems, DDC, WinCC and process visualisation.

People and knowledge: Functional leadership, facilitation, training and audience-focused communication. Generative AI: professional development, educational use and practical exploration.

Education and Qualifications

Higher Education and Vocational Training

- **1991:** Diplom-Informatiker (FH), technical specialisation in computer science, Fachhochschule Regensburg (University of Applied Sciences). Studies, 1986 - 1991.
- **2014 - 2016:** Part-time studies in Business Informatics, Deggendorf Institute of Technology; no degree awarded.
- **1984:** Apprenticeship as an electrical installation technician, Bayernwerk AG, Pleinting power station; IHK vocational qualification.

Current Certifications · 2026

- **PRINCE2 Agile Practitioner and Foundation** · PeopleCert
- **Professional Scrum Master II and I** · Scrum.org
- **Professional Scrum Product Owner I** · Scrum.org
- **ITIL 4 Foundation** · PeopleCert

Selected Professional Development

- **2026:** Leadership, AI and Big Data, and MS Copilot · Karriere Tutor
- **2025 - 2026:** AI regulatory, data protection and governance training · LegalCheck
- **2024:** AI in school and classroom practice · fobizz
- **2008:** SIMATIC S7, basic and advanced training · programming and diagnostics; historical automation qualification

Teaching, Training and Data Protection

- **2020:** Qualification to teach computer science at German Gymnasium schools · LASuB Leipzig
- **2015:** Vocational trainer qualification, course and examination · Deggendorf Institute of Technology
- **2014:** Certified Data Protection Officer (CA) · COMPLAVIS Akademie; historical qualification

Historical Microsoft and Cisco certifications complement my extensive experience in systems, networks and technical training.

Languages

German: Native. **English:** C1, fluent; current self-assessment. TOEIC Gold, 970/990, 2014. Experience in English-language projects and technical training.

Voluntary Engagement and Educational Development

Since 2006 | Haus für Gregorianik e.V., Munich: Voluntary IT coordination; advising the board on technology and data protection.

2008 - 2012 | FAMoS-lerntraum leben e.V., Deggendorf: Co-founder and chair; organisation, fundraising and grant administration.

2002 - 2016 | eyq-now gGmbH, Passau: Founding shareholder; contributed to establishing IT training programmes and a Pearson VUE test centre.

Supporting Documents

Available employment references, qualification certificates and records of professional work can be provided on request.