Dipl.-Ing. Sören Prüfer

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Profile

I bring structure to technical projects and help them transition smoothly into operation. I have over 25 years of IT experience in development and systems administration, with a focus on project management, Scrum and testing since 2018. I connect business stakeholders, development and operations. For four years, I have used AI daily, guided by clear safeguards rather than blind trust. From 2027, I am available for project management, Scrum Master roles, test management, PMO and methods, in Thuringia or remotely.

Professional experience

2021 – 2026

Inverso GmbH, Ilmenau, Jena, Munich

Project Manager and Business Consultant

- Managed portal and mailbox solutions for Versicherungskammer Bayern: proposals, billing, client coordination and delivery under VAIT insurance IT requirements.
- Scrum Master for two portal teams in parallel; release support through production approval and PI Planning.
- Customer portal test management: regression every four to six weeks, risk-informed release approvals and documentation in Xray.
- AI-assisted testing in a secure environment: generating tools and test cases without sending customer data to an AI provider.

2018 – 2020

Cuculus GmbH, Ilmenau

Professional Services Project Manager

- Delivered cryptographic solutions for critical infrastructure, including the smart meter rollout in Austria.
- IPMA Level D certification (GPM), 2020.

2003 – 2018

Saab Medav Technologies GmbH (formerly TeWiSoft, MEDAV), Ilmenau, Nuremberg

Development Engineer, Application Engineer, Systems Administration

- 15 years across three roles developing complex security systems for data acquisition and analysis, serving federal agencies, automotive suppliers and other clients.

Selected work

AI-assisted testing environment

AI generates testing tools and test cases from abstracted evidence rather than real customer data. Following review and staged approval, the tools run with read-only access in the sensitive environment.

Regression testing with AI agents

Browser tests using Playwright, alongside regression tests coordinated across multiple agents and documented in Xray. May 2026 run: 56 tests in the test environment, 24 in the acceptance environment.

Earlier experience

2001 – 2003

prokent AG, Ilmenau

Development Engineer

- Automation of acceptance and return processes.

1992 – 1999

Ilmenau and Suhl

Work alongside my studies

- MEGware GmbH: computer assembly, maintenance and customer support.
- TU Ilmenau computing centre: taught Unix, internet, networking and TeX courses.
- Adult education centre: introductory computing for international students; independently developed a payment reminder system for a client in Suhl.

Education

1991 – 2002

Diplom in Electrical and Information Engineering

TU Ilmenau; specialisms in biomedical engineering and medical informatics

1989 – 1991

Apprenticeship as an Electrician

Kali und Bergbau Roßleben; followed by university studies

1987 – 1989

Abitur (university entrance qualification)

Klosterschule Roßleben

Further qualifications

Professional development

- IPMA Level D, Certified Project Management (GPM), 2020
- Agile project management, 2023
- Test management, 2026
- 2026: information security, data protection, security incident management, cyber security, compliance, AI awareness and practical AI use
- Radiation protection, occupational safety, first aid, public key cryptography

Languages

German: native

English: business fluent

Russian: basic knowledge from school and university

Core expertise

- Traditional and agile project management (IPMA Level D)
- Scrum Master, including two teams in parallel
- Test management: Xray, Playwright, Postman, SoapUI
- AI with clear safeguards
- Insurance IT, VAIT requirements
- Cryptography and PKI
- Unix, Windows, networks, databases

Volunteering

- Thuringian and German federal parents' councils, 2006–2016
- Thuringian volunteering certificate 2008, Salzmann Award 2012
- Honorary member of my judo club

Other information

Driving licence categories B and C