

SÖREN PRÜFER

Dipl.-Ing. Electrical and Information Engineering · Project Manager · Scrum Master · Test Manager

CONTACT

ADDRESS
Ilmenauer Allee 64
98693 Ilmenau

PHONE
+49 177 5972709

EMAIL
info@trokon.de

WEBSITE
trokon.de

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

LANGUAGES

German: native

English: business fluent

Russian: basic knowledge from school and university

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

Project Manager and Business Consultant · 2021 – 2026
Inverso GmbH, Ilmenau, Jena, Munich

- 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.

Professional Services Project Manager · 2018 – 2020
Cuculus GmbH, Ilmenau

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

Development Engineer, Application Engineer, Systems Administration · 2003 – 2018
Saab Medav Technologies GmbH (formerly TeWiSoft, MEDAV), Ilmenau, Nuremberg

- 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.

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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

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

EARLIER EXPERIENCE

Development Engineer · 2001 – 2003
prokent AG, Ilmenau

- Automation of acceptance and return processes.

Work alongside my studies · 1992 – 1999
Ilmenau and Suhl

- 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

Diplom in Electrical and Information Engineering · 1991 – 2002
TU Ilmenau; specialisms in biomedical engineering and medical informatics

Apprenticeship as an Electrician · 1989 – 1991
Kali und Bergbau Roßleben; followed by university studies

Abitur (university entrance qualification) · 1987 – 1989
Klosterschule Roßleben