



Mathias Ertl

Curriculum Vitæ

Working in Software Development since 2010 as team lead, product owner, software architect and developer. Focus on AI, web apps, cloud computing, CI/CD, IT security and Linux.

Overview

- Personal data** Mathias Ertl, BSc
Born November 6, 1984
Citizenship: Austria, United States of America
- Job objective** Team lead, technical lead, product owner, software architect
- Key skills** 15+ years in software development and leadership. Extensive experience in agile development and SCRUM, leading distributed teams and driving AI adoption. Deep knowledge in web applications, cloud computing, continuous integration, Python, Django, IT security and Linux.

Professional experience

- 01/2025 – present **Manager Software Development & Integration, TTControl GmbH, Vienna.**
Lead a 6-person team focusing on AI adoption, Linux security and CI/CD:
 - Grew the engineering team, hired two engineers to improve our AI and CI/CD capabilities
 - Leading a company-wide AI adoption initiative, rolling out tooling to 40+ engineers
 - Reduced release time from weeks to minutes through CI/CD improvements, enabling more frequent and reliable releases
- 10/2023 – 12/2024 **Manager IoT Software Development, TTControl GmbH, Vienna.**
Lead three international teams with 15 engineers, developing our cloud connectivity offering:
 - Established SCRUM-based agile development in my first six months
 - Established timely, high-quality quarterly releases in my first three months
 - Streamlined processes, for a measured 50% reduction in meeting time for engineers
- 05/2021 – 09/2023 **Global Core Development Manager, UBIMET GmbH, Vienna.**
Lead three software engineering teams developing the whole product range:
 - Reversed high employee turnover by investing in team culture and career development
 - Led development of new features, contributing to architecture and implementation
 - Consolidated fragmented tool landscape to increase efficiency
- 08/2017 – 04/2021 **IoT Specialist, TTTech Industrial Automation AG, Vienna.**
Worked as SCRUM product owner, principal engineer and software architect. Also worked on CI/CD, project management, IT security, cloud computing and web development.

Friedrich-Kaiser-Gasse 82/6 – 1160 Vienna – Austria

📞 +43 699 125 66 709 • ✉ mathias@er.tl • 📧 er.tl • 🌐 Mathias Ertl
👤 mathiasertl

- 07/2012 – 07/2017 **Senior Software Developer**, *Ciuvo GmbH*, Vienna.
Development in Python, Django & Twisted, CI/CD & cloud infrastructure, browser plugins.
- 10/2010 – 01/2013 **Freelance Software Developer**, Vienna.
Web applications in Python/Django and Linux system administration.
- 03/2005 – 02/2012 **Tutor/Teaching Assistant**, *Vienna University of Technology*, Vienna.
Administration, organization and support of courses on Interaction Design and IT & Society.

Education

- 03/2009 – 07/2012 **Master Software Engineering & Internet Computing**, *Vienna University of Technology*.
Completed all coursework; master thesis not submitted
- 10/2003 – 03/2009 **Bachelor Software & Information Engineering**, *Vienna University of Technology*.
Bachelor Thesis: TUn!x, a Linux distribution for students
- 1995 – 2003 **Federal High School**, *Marchettigasse 3*, Vienna.

Open Source development

- django-ca A TLS certificate authority with CRL, OCSP, HSM and ACMEv2 support and more:
<https://github.com/mathiasertl/django-ca/>
- Python Contribute to other projects, e.g. cryptography.

Certificates

- SCPO SCRUM Certified Product Owner, 2019



Languages

- German mother tongue
English mother tongue

Interests and soft skills

- Activism
 - o Member of the district council for Ottakring, Vienna (since 2025)
 - o Activist in the students union (Österreichische Hochschülerinnenschaft) during studies (2004–2015)
- Hobbies Traveling, Gardening, Cycling, Politics, History

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 [mathiasertl](https://github.com/mathiasertl)