

YANNICK SAUTTER

Software Engineer

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📍 Köln, NRW

🌐 yannick-sautter

EDUCATION

Master of Science

Computer Science

RWTH Aachen

📍 Templergraben 55, 52056 Aachen

📅 2020 - 2024

Bachelor of Science

Computer Science

Universität des Saarlandes

📍 Campus, 66123 Saarbrücken

📅 2016 - 2020

SKILLS

Programming

- Python
- JavaScript / TypeScript
- HTML/CSS
- Java
- Bash
- PHP
- C
- C#
- Go
- SQL
- TCL
- Flutter
- Dart

Frameworks

- PyTorch
- Transformers
- Django
- FastAPI
- Express
- React
- Bootstrap
- Haraka
- .NET

Tools

- Git
- Docker
- Nginx
- Apache
- Keycloak
- OpenLDAP
- Redis
- RabbitMQ

WORK EXPERIENCE

Lead Developer groupios

📅 2025 - current

step3IT GmbH

📍 Remote

- Leading development of the on-premises and SaaS multi-tenant e-mail server, gateway and groupware groupios.
- Building groupios as a hosted SaaS offering (in progress).
- Responsible for the software development process, and implemented the CI/CD that enforces it (dev/qa/rc branching, reviews, release promotion, secret scanning).
- Set up a Wazuh SIEM, SBOM generation and Dependency-Track vulnerability tracking with KPIs for all Docker services.
- Helped implement the ISMS according to ISO 27001 and ISO 9001.
- Continuing to run and grow the internal IT infrastructure, which has been migrated several times since 2021.

Lead Developer groupios

📅 2024 - 2025

Tuxguard GmbH

📍 Remote

- Led development of the on-premises multi-tenant e-mail server and gateway.
- Redesigned the platform into a horizontally scalable manager/worker architecture.

Software Engineer

📅 2020 - 2024

Tuxguard GmbH

📍 Remote

- Designed and implemented the software licensing mechanism (license server and client) and a highly distributable license infrastructure for antivirus endpoints.
- Developed and implemented on-premises installable management server for antivirus endpoints.
- Developed and implemented plugins for OPNsense.
- Technical Support for the products
- Built the internal IT infrastructure from 2021 on (GitLab, registry, Matrix/Element, Nextcloud, ntfy, SSO, password management, monitoring, custom services)
- Administrative responsibility of DNS, Firewall and Networking infrastructure
- Developed and implemented on-premises installable multitenancy e-mail server and gateway server
- Developed and implemented webfilter client for Windows
- Giving training courses for the developed software
- Writing and maintaining manuals for the products
- Maintaining license infrastructure
- Setting up CI/CD pipelines in GitLab

- WiX Installer
- Wazuh SIEM
- GitLab CI/CD
- Dependency-Track

Operating Systems

- Linux (Arch, AlmaLinux, Ubuntu)
- BSD (FreeBSD)
- Windows

Languages

- German
- French
- English
- Spanish

Software Engineer

📅 2019 - 2020

Freelancer

📍 Remote

- Revamped the user interface of a legacy firewall system to enhance usability and functionality.
- Designed and implemented a multitenancy firewall management interface to support multiple users and streamline operations.

Technical Support

📅 2015 - 2016

GiGroup/Arvato

📍 Eiweiler

- Provided technical support in a call center, assisting clients with home network and internet connectivity issues. Utilized communication skills and technical expertise to deliver effective solutions and enhance customer satisfaction.

Working Holiday

📅 2014 - 2015

Kerimoore Orchards LTD,
Karioi Limited,
J2 Contracting,
New J R Contracting

📍 New Zealand

- Engaged in the harvesting and sorting of oranges to ensure quality standards
- Participated in grape harvesting, focusing on efficiency and precision
- Managed kiwi orchard tasks, including planting, pruning, and general garden maintenance

Internship

📅 2012

Net-Compass

📍 Lebach

- Assisted in populating and managing data within the CMS to ensure accuracy and completeness.

PUBLICATIONS

- A. Drichel, **Y. Sautter**, U. Meyer. *Internationalizing DGA Detection*. ESORICS 2026.
- A. Drichel, **Y. Sautter**, U. Meyer. *DomainBERT: Transformer-based Domain Generation Algorithm Detection*. ARES 2026.
- A. Salem, **Y. Sautter**, M. Backes, M. Humbert, Y. Zhang. *BAAAN: Backdoor Attacks Against Autoencoder and GAN-Based Machine Learning Models*. arXiv 2020.