

ING. FABIAN FRANZ STEINER BSC.

AUTOMATION CONSULTANT · MCP & AI INTEGRATION · M365 / AZURE · VIENNA



✉ fabian@stei-ner.net ☎ +43 681 10892683 🌐 fabian.stei-ner.net
🌐 linkedin.com/in/fabian-steiner-574111318 ✂ xing.com/profile/Fabian_SteinerBSc/cv
🐙 github.com/fasteiner 💎 codeberg.org/fasteiner

PROFILE

Automation with PowerShell and Python for Microsoft 365 and Azure – and, as a current focus, MCP servers that connect your systems to AI assistants. Independent consultant based in Vienna, working remotely or on-site.

EXPERIENCE

INDEPENDENT AUTOMATION CONSULTANT

December 2025 – now

Self-employed

- Developing MCP servers (Model Context Protocol) in Node.js/TypeScript and Python to connect in-house systems and APIs to AI assistants
- Automation consulting and programming in PowerShell and Python for Microsoft 365 and Azure scenarios
- Azure integrations, Logic Apps, Azure Automation, and API scripting for cloud and on-premises workflows
- Jenkins support, CI/CD automation, GitHub Actions, and infrastructure scripting
- Active Directory and Entra ID automation, SAML/SSO configuration, and identity-driven process design

AUTOMATION CONSULTANT (SUBCONTRACTOR)

December 2025 – now

techwork data GmbH

- Design and delivery of techwork automator solutions aligned to customer processes
- M365 and cross-platform integrations
- Web application development
- Consulting for Xurrent and Freshdesk platforms, including workflow automation and integrations
- Extensive JavaScript automation scripting on the techwork automator platform
- Xurrent ITSM implementations: approval workflows, knowledge article automation, and UI extensions
- GraphQL-based platform integrations (Xurrent/4me API)
- Jira and Azure DevOps integrations
- ITSM deployments for enterprise customers across Austria and Europe

IT AUTOMATION ENGINEER

June 2022 – December 2025

TTTech Computertechnik AG

- Agent creation in Copilot Studio
- Automation Ticket System Integration
- Automation using PowerShell, Python, Groovy, Logic Apps, etc.
- techwork automator (4me Frontend Automation)
- Jenkins Management
- Active Directory Automation
- VCenter Administration + Automation
- Automation using Microsoft Graph
- Au2mator Administration
- Administration of Active Directory, Exchange, and Azure
- Xurrent (4me) / Ticket System Administration (Workflow and Form Design, Automation)

IT SERVICE DESK ENGINEER

August 2020 – May 2022

TTTech Computertechnik AG

- Phone Support & Dispatching
- Computer Setup
- Permission Management (SVN, AD, Linux File Server, 4me, Kaba)
- Exchange Management (Mailbox & Contact Management)
- Intune Management (Policies & Apps)
- Phone Setup & Preparation
- Ticket System Administration (Workflows, Forms, Service Catalogue, Asset Management, Automation)
- Backend Automation (PowerShell, Jenkins)

JUNIOR SYSTEM ENGINEER

August 2019 – February 2020

CP-Consult Bugram GmbH

- Network Design and Configuration
- DIVOS Configuration
- SQL View and Procedure Development
- Active Directory Administration (GPOs, DFS, Password Policies, etc.)
- VCenter Setup + Administration

RECRUIT

October 2018 – March 2019

Austrian Armed Forces

NETWORK ADMINISTRATOR

December 2018

Christian Lewold

Configuration of the company network

IT STAFF

August 2018 – September 2018

FCP Fritsch, Chiari & Partner ZT GmbH

Network Administration, Web Development, Monitoring, Windows 10 Migration, Virtualisation and IT Support

PROGRAMMER AND DESIGNER

September 2017 – May 2018

SGREENING (Diploma project)

Diploma project: Development of a Server Room Monitoring System

IT STAFF

August 2017

FCP Fritsch, Chiari & Partner ZT GmbH

Network Administration, Development of a Network Monitoring System, Preparing the Windows 10 Migration, Python Programming and Database Development

SOFTWARE DEVELOPER

March 2017 – April 2017

Gebrüder Aschauer GmbR

Development of a tool to track medicine use on cows

IT STAFF

18.11, 2.12, 8. – 11.12.2016

FCP Fritsch, Chiari & Partner ZT GmbH

Supporting the relocation of FCP: Configuring network devices, arranging workstations, configuring printers and beamers, wiring a server room and structured testing

IT STAFF

August 2016

FCP Fritsch, Chiari & Partner ZT GmbH

Network Administration, Development of a Sensor System, Python Programming, Database Development and IT Support

SUPPLY CHAIN MANAGEMENT

July 2015 – August 2015

TTTech Computertechnik AG

Assembling and flashing / programming network devices, repairing and packing products, and visual quality control

EDUCATION

FH TECHNIKUM WIEN

2021 – 2023

University of Applied Sciences | Technikum Wien

Bachelor – Information and Communication Systems and Services

TU WIEN

2019 – 2021

Technical University of Vienna

Bachelor's Programme Medical Informatics

HTL RENNWEG

2013 – 2018

School for higher technical education

IT School with focus on Networking and Security

SKILLS

Programming Languages

PowerShell, Python, TypeScript / JavaScript, Node.js, SQL / MySQL, HTML / CSS, PHP, Java, Groovy, bash

AI & Integration

Model Context Protocol (MCP), Copilot Studio, Microsoft Graph, REST & GraphQL APIs

Environments

Active Directory, Ansible, Azure / Entra, Azure Logic Apps & Azure Automation, Exchange, Cisco, DIVOS, Linux, Windows

Tools

techwork automator, Jenkins, GitHub Actions, Docker, Xurrent (4me) & Freshdesk, Jira & Azure DevOps, Office, Microsoft Project & Visio, Adobe (Photoshop, Illustrator, InDesign)

Languages

German (native), English, Italian (A1)

CERTIFICATIONS

- Certified Engineer (Ing.)
- Xurrent Automation Rules Certification
- Xurrent Administrator Level 2-A Certification
- IPMA Level D (certified Junior Project Manager)
- Communication and Team Building
- Oracle (Database Design, Database Programming with SQL, Database Programming with PL/SQL)
- Python (Programming for Everybody, Data Structures, Using Databases with Python, Using Python to Access Web Data)
- Cisco Introduction to Cybersecurity
- Certificate of Attendance: General English Course
- Italian A1

PROJECTS

- **Xurrent-Helpers** – A PowerShell module to automate Xurrent (4me) administration, including round-trip Markdown ↔ CSV import/export of knowledge articles. powershellgallery.com/packages/XurrentHelpers
- **Sampler.CustomTasks** – A CI/CD PowerShell module providing custom build tasks for the Sampler build framework. powershellgallery.com/packages/Sampler.CustomTasks
- **Notion PowerShell Module** – A PowerShell module to work with Notion APIs. powershellgallery.com/packages/Notion
- **Brevo PowerShell Module** – A PowerShell module to integrate with Brevo (formerly Sendinblue). powershellgallery.com/packages/Brevo
- **PSImageConverter** – A cross-platform PowerShell module that converts HEIC/HEIF and other images to JPEG, PNG, WebP, AVIF, JPEG XL, TIFF, BMP and GIF, and writes HEIC with the encoder of the operating system. Pipeline-friendly and keeps metadata and colour profiles where the target format can store them; reading and every other format need no codec installation. Available on the PowerShell Gallery. powershellgallery.com/packages/PSImageConverter
- **Xurrent Python Module** – A Python library to interface with Xurrent API. pypi.org/project/xurrent

OPEN-SOURCE CONTRIBUTIONS

- **CITS-to-go** (Android app (Kotlin) · ESP32-C5, October 2026 – now) – A portable C-ITS capture and transmit bridge: a Seeed Studio XIAO ESP32-C5 receives V2X messages from vehicles and roadside units and streams them over USB-C to an Android app, which saves them as PCAP, forwards them to MQTT in the OpenTrafficMap format and can broadcast its own CAM messages.