Alwin Schuster

Automation Lead @ Hybrid Infineon Cloud Platform

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SUMMARY

I lead automation for the Hybrid Infineon Cloud Platform at Infineon in Klagenfurt. Since joining in 2022, I have grown from Specialist to SCRUM Master, Senior Engineer and Automation Lead, trained more than 1,000 colleagues on the platform and managed the CrowdStrike rollout to more than 1,000 servers.

EXPERIENCE

Infineon · Klagenfurt, Austria · Hybrid · Full-time — Sep 2022 – Present

Automation Lead @ Hybrid Infineon Cloud Platform — Nov 2025 – Present

Working with humans and AIs.
"Automation Lead" is my area of responsibility; my legal job title is still Senior Engineer Container Platform.

Senior Engineer Container Platform & Agile People Manager — Apr 2024 – Nov 2025

Cloud-Focused Tasks:

- Conducting interactive Cloud & OpenShift workshops (on-site & remote) to empower clients – more than 1,000 colleagues trained in two years
- OpenShift Configuration and Administration
- Utilizing GitOps & ArgoCD for streamlined deployments
- Implementing CI/CD Pipelines, CronJobs, and Automation scripts
- Agile software development in Python, often with Django and Flask
- Executing complex Django application migrations without impacting production processes

AI/ML Focused Tasks:

- Delivering engaging AI/ML Tech Talks
- Driving AI projects forward within the HICP team

Specialist Infineon Cloud Platforms & SCRUM Master — Jan 2023 – Apr 2024

After only one month I started to take over the tasks from our SCRUM Master in addition to my other tasks. At the beginning of 2023, I was promoted to be the official SCRUM Master of the HICP Team (Hybrid Infineon Cloud Platform).

Project Manager – CrowdStrike Rollout (October 2023 - June 2024):

- Rolled out CrowdStrike to more than 1,000 servers (OpenShift, Public Cloud, Windows, Unix)
- Coordinated 37 stakeholders and 4 data center teams in different locations
- Set up roles and responsibilities and created new rules and processes together with the BC Cyber team
- Finished on time, met all security and performance goals and was recommended by the Senior Director

Specialist Infineon Cloud Platforms — Sep 2022 – Jan 2023

OBJENTIS Software Integration GmbH · Vienna, Austria · Hybrid — Sep 2021 – Aug 2022

Independent Machine Learning Project Lead · Contract

- Developing an OCR (Optical Character Recognition) system
- Leading a team of 4 developers
- Agile development of machine learning systems in Python

neeyo (formerly DocuMatrix) · On-site — Jul 2021

Machine Learning Researcher · Internship

- Implemented, researched, and trained a synthetic XML data generation system based on Generative Adversarial Networks (GANs)
- Implemented, researched, and trained multiple neural networks for quality assurance of documents
- Led the first two machine learning projects at DocuMatrix (now neeyo)
- Developed machine learning systems in Python using agile methods

OBJENTIS Software Integration GmbH · Vienna, Austria · Hybrid — Oct 2020 – Jun 2021

Independent Machine Learning Project Lead · Contract

- Developed an OCR (Optical Character Recognition) system
- Led a team of 5 developers
- Agile development of machine learning systems in Python

EnliteAI GmbH · Remote — Jul 2020

Machine Learning Intern · Internship

- Developed agile software in Python for abstract, self-learning systems in a team of 9 developers.

- Participated in an international Reinforcement Learning Competition, organized as part of the NeurIPS 2020 conference.
- Prepared machine learning training runs of the developed systems and load balancing on a K8s cluster.
- Worked with state-of-the-art reinforcement learning techniques such as Action Masking, Shielded Learning, Dictionary Observation and Action Spaces, etc.

EnliteAI GmbH · On-site — Aug 2019

Machine Learning Intern · Internship

- Developed agile software in Python for abstract, self-learning systems.
- Controlled robotic arm with reinforcement learning.

EDUCATION

Engineer of Informatics (Ing.) — 2026
Austrian Federal Economic Chamber (WKO)

Alpen-Adria-Universität Klagenfurt, Austria — 2024 – Present
Bachelor of Science (BSc) – Business Informatics
Expected graduation 2027, alongside full-time employment

HTL Spengergasse, 1050 Vienna, Austria — 2017 – 2022
Computer science department (Höhere Informatik)
Diploma thesis on OCR – 1st place at the BWKI 2022
Matura GPA of 1.0 (Best possible grades in all subjects)

SKILLS

Leadership & Soft Skills: Presentation Skills, Project Leadership, Team Leadership, Scrum, Kanban, Group Dynamics, Conflict Management, Business Process Improvement

Programming languages: Python, JavaScript, TypeScript, Java, C#, Go

Machine Learning: Reinforcement Learning, Supervised Learning, Unsupervised Learning, LLMs, Computer Vision

Databases: MySQL, PostgreSQL, MongoDB, Redis

Deployment and Tools: Git, DevOps, Docker, Kubernetes, OpenShift, GitOps, ArgoCD, CI/CD, Automation

Native language: German **Foreign language:** English – full professional proficiency

AWARDS & HONORS

1st Place - Austrian Federal Artificial Intelligence Competition (BWKI) – Led the OCR project and wrote the diploma thesis about it — November 2022

2nd Place - Accenture HTL Hackathon — January 2021

3rd Place in Vienna (School) - 34th Cloudflight Coding Contest 2020 – 58 participants — October 2020

Honorary member of the Austrian Excellence Society – Association for the Promotion of Technical Projects at Austrian Schools — June 2025

Member of the High Potential Group (HTL Spengergasse) – Last position: Highest Ranking Senior Member — September 2018 - June 2022

CERTIFICATES

Group Dynamics Training Group – Social Competence, Organisation and Leadership (SCOL) · 53 hours · 6-day training with Sigrun Koller and Joris Wachter — Feb 2026

Red Hat Certified Specialist in OpenShift Administration (EX280) – Red Hat · Scored 265/300, far above the 210 pass mark — Jan 2024

Accelerate AI at Infineon – appliedAI Initiative GmbH · 56 hours — May 2023

TALKS

Extreme Scaling: Consistent OpenShift Configuration in Multi-Cluster Environments – RedHat Conference — Sep 2026

Introduction to the Hybrid Infineon Cloud Platform (HICP) – Infineon Technologies, together with the Infineon IT Academy — Jun 2023 – Jun 2025

AI project presentation – AI Next Generation Conference — Apr 2023

AI-based OCR system – Annual Austrian CIO Conference 2021 (LSZ) — Oct 2021

qaml & docgan – DocuMatrix UserConference 2021 — Sep 2021