

CAREER PROFILE

With a background in systems engineering and development, I've gathered expertise in shaping and implementing robust software architectures. My time as a Senior DevOps/Platform Engineer at smaXtec has proven as another great opportunity to get even more hands-on knowledge of backend/systems infrastructure, implementing a modern GitOps approach to CI/CD with Flux and Kubernetes, as well as take over maintainership of critical parts of a complex software architecture.

I'm passionate about sharing my skills with others and have enjoyed mentoring and guiding others whenever there was a chance. I look back fondly at my time at BearingPoint, where I helped develop observability platforms and improve system monitoring for customers within Kubernetes environments. This experience not only honed my technical expertise but also deepened my understanding of how to work effectively with cross-functional teams.

Throughout my career, I've strived to improve automation workflows, streamline development workflows, improve system reliability, and enhance software quality through the strategic use of CI/CD.

I put emphasis on successful and respectful communication and believe in the importance of high-quality documentation and knowledge sharing to drive technical excellence in software development environments.

I'm committed to staying up-to-date on industry trends and best practices.

Grafana	Prometheus	GitLab	Backstage	GCP	Flux CD	
Kubernetes	Datadog	Docker	Go	Python	Git	Linux
System Administration	DevOps	Platform Engineering	DevEx	CI/CD		



Matthias Thym

Senior DevOps/Platform Engineer

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EDUCATION

Computer Science Undergraduate
Graz University of Technology
2021-2024

Biomedical Engineering Undergraduate
Graz University of Technology
2015-2021

Graduation Higher Technical School with Matura and Diploma Project
HTBLA Wien 3 Rennweg
2010-2015

Graduation Grammar School
AHS GWIKU Haizingergasse
2006-2010

LANGUAGES

German (Native)

English (Fluent)

Spanish (Intermediate)

Khmer (Intermediate)

Russian (Basic)

Chinese (Basic)

French (Basic)



EXPERIENCES

INTERESTS

Basketball and Running

Electronics and Tinkering

Linux and Nix

Homelab and Open Source

Chess

Senior DevOps/Platform Engineer - Backend/System & Infrastructure

smaXtec - Full-time

since July 2023

Graz, Austria - Hybrid

- Maintenance and release management for multiple components and libraries written in Python and Go
- Introduction of proper package and release management for all Python projects with poetry and uv as well as integration into modern GitOps approach with dynamic versioning and automated releases
- Development of an IDP (Internal Developer Platform)/Developer Portal with the Backstage framework and managing and extending existing technical documentation for system components and projects
- Setting up and maintaining CI/CD infrastructure and consultancy and training of teams and colleagues in regards to containerisation and CI/CD pipeline management
- Rollout and maintenance of components to Kubernetes clusters in the GCP using a modern GitOps approach with FluxCD
- Representation of company at career fairs, conferences, speaking events and meetups as well as in social media posts
- Participation in organising internal events and company celebrations

Senior Technology Analyst

Bearingpoint - Full-time/Part-time

March 2022 - May 2023

Premstätten, Austria - Hybrid

- Development and expansion of an observability platform within a Kubernetes environment for a large logistics client
- Management and scaling of infrastructure on Kubernetes on the OpenShift platform employing Helm templating, and Terraform
- Administration of multiple Kubernetes clusters and workloads, with a focus on enhancing system monitoring and logging solutions for improved reliability and uptime
- Participation in organising internal events and company celebrations

System Analyst

Bearingpoint - Part-time

November 2020 - March 2022

Premstätten, Austria - Hybrid

- Development of observability, system monitoring and logging solutions
- Kubernetes cluster administration

System Administrator

Ticketeer (Flinkwork Software) - Part-time

December 2019 - April 2020

Graz, Austria - On-site

- Monitoring and administration of system resources and Kubernetes clusters to ensure optimal performance and reliability
- Administration of IoT devices and Linux servers and systems
- E2E (end-to-end) testing using Selenium and other testing frameworks, improving software quality and user experience

Software Engineer Autonomous Driving

ALP.Lab - Part-time

August 2018 - May 2019

Graz, Austria - On-site

- Engineering of microservices using Go, Python, and Node.js, implementing synchronous and asynchronous gRPC (Remote Procedure Calls Interfaces) APIs for efficient communication of system components
- Setup and management of cloud infrastructure on MS Azure
- Container orchestration with Kubernetes, ensuring optimal resource utilization and system performance
- Implementation of continuous deployment and automated testing
- Improved internal tooling with Python and Shell scripting

Hardware Developer Embedded Systems

NXP Semiconductors - Part-time

November 2017 - June 2018

Gratkorn, Austria - On-site

- Setup of Proof of Concept (PoC) reference systems for Near Field Communication (NFC) and Wireless Charging (Qi) applications and precise measurements
- Validation and testing of hardware setups and new antenna designs
- Layout and design of schematics and Printed Circuit Boards (PCBs) for PoCs
- Adaptation of embedded software and contribution to documentation to improve team collaboration

Intern Industrial Automation Delivery & Services

YOKOGAWA Central East Europe -
Internship

July 2015 - August
2015

Vienna, Austria - On-site

- Bi-directional translation of technical documents between German and English and review of translations of legal documents
- Data entry and cleanup in CRM (Customer Relationship Management) software, ensuring accurate customer information management
- Improvement of technical documentation for industrial instrumentation and sensors, contributing to better user understanding and support

VOLUNTARY ACTIVITIES

Education Volunteer

July
2016

Children's Village Tani - Perspectives for Children in Cambodia -

July
2017

One-year voluntary experience in an orphanage in a rather rural area in Cambodia's South

- Design and teaching of English, IT and German lessons
- Taking care of children from ages 6-20 (helping with homework, sports, doctor's appointments, etc.)
- Overall assistance of the organisation in communication with donors, public relations activity, etc.

Advisor Volunteer Experiences

May 2019

WeltWegWeiser - International Volunteer Service Center - June

2021

- Advising of people interested in international volunteer work at career and student fairs
- Participation in workshops at schools to inform about the possibilities and share personal experiences from own voluntary service in Cambodia

Technical Consultant

CHANGES for women

since December 2024

- Technical consultancy and support for web presence of "CHANGES for women" and "Fördertopf für Reproduktive Gesundheit"

Website Administrator

Thomlang - Cambodian Youth Support

since January 2021

- Administration of web presence (Wordpress) for Thomlang - Cambodian Youth Support

Extraordinary Community Service

Blood Donation Service - Red Cross Styria April 2020 - June 2020

- Voluntary community service at blood donation department of Red Cross Styria during COVID-19 pandemic

Student Mentor

Refugee Student Mentoring - Graz University February 2018 -
of Technology July 2018

- Assistance of students coming to Graz to study at Graz University of Technology