



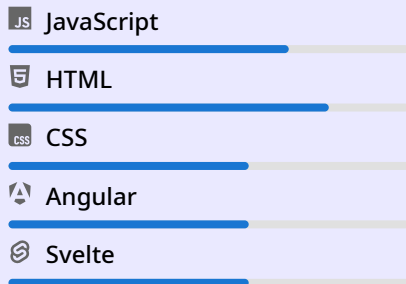
Michael Reinegger

CONTACT

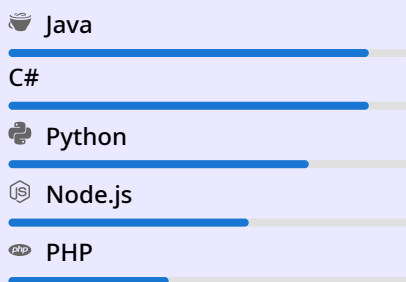
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🌐 Homepage: mljr.eu

SKILLS

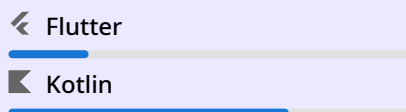
Frontend



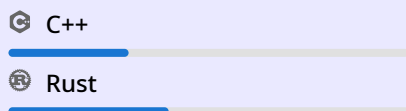
All Purpose/Backend



Mobile



Systems



EDUCATION

Johannes Kepler University Linz

2024 - Present

Computer Science Master

- Major: Networks and IT Security
- Master Thesis: Abstracting complex permission systems into a Prolog-based unified metamodel

Johannes Kepler University Linz

2021 - 2024

Bachelor in Computer Science

- Bachelor Thesis: Optimizing LSTM-based Speaker Diarization: Comparing Architectures and Clustering Methods



Höhere Technische Lehranstalt Steyr

2015 - 2020

Higher Technical College Matura Mechatronics

- Focus: Mechatronics

PROFESSIONAL EXPERIENCE



Dynatrace Austria - Engineering Headquarters

11.2025 - 09.2026

Master Thesis / Software Engineering

- Master thesis on a Prolog-based metamodel for complex permission systems
- Abstraction and analysis of permission models for unified, explainable access control



Dynatrace Austria - Engineering Headquarters

08.2025 - 09.2025

Summer Intern - Software Development

- Contributed to an internal cloud permission system and its Configuration as Code
- Maintained older internal software and fixed bugs in web interfaces
- Development with Java, Kotlin, Angular, Bitbucket and Jenkins



JKU Linz - Institute for Complex Systems

10.2023 - 06.2026

Student Assistant / Tutor

- Tutor for Digital Circuits and Computer Architecture across six semesters
- Grading assignments and supporting course organization



Ventopay GmbH - Hagenberg

07.2024 - 07.2024

Summer Intern - Software Development

- Angular and C# development of an existing system
- UI/UX development with focus on accessibility



Bosch GMBH - Engineering Center Linz

08.2023 - 09.2023

Summer Intern - Software Development

- Development of a dashboard for team-relevant information with Sveltekit and TailwindCSS
- Data querying and processing with RESTful APIs, Proxy APIs and HTML-Scraping

Go

Software & Tools

MS Office

Git

Docker

Ansible

Linux

Github Actions

SQL

RESTful APIs

Agentic LLMs

Claude

Codex

MCP

LANGUAGES

- German (Native)
- English (B2)

OTHER

- Driver's License (B)

HOBBIES

- Programming
- Capture The Flag
- Running (Longest Run: Wachau Marathon)
- 3D Printing and CAD Modeling ([3D Models](#))
- ESP32, Arduino, Raspberry Pi
- Homelab and automation
- Cooking and Baking
- Hiking
- Climbing



Bosch Rexroth GMBH - Pasching

06.2021 - 06.2021

Summer Intern - Assembly and Testing

- ◆ Assembly of cable ducts and switch cabinets
- ◆ Setup and testing of hydraulic systems



Herz-Kreislauf-Zentrum - Bad Ischl

09.2020 - 05.2021

Civil Servant

- ◆ Support of office staff
- ◆ Care of patients



Engel Austria GMBH - Dietach

07.2018 - 07.2018

Mandatory Internship

- ◆ Data processing with Excel
- ◆ Assistance in production



Engel Austria GMBH - St. Valentin

07.2017 - 07.2017

Mandatory Internship

- ◆ Assistance in production
- ◆ Electrical wiring of injection molding machines

PROJECTS

Homelab, Homepage and UI Library [Homelab](#) [GitHub](#) [mljr.eu](#) [ui.mljr.eu](#)

Go, components, Datastar, Tailwind v4, Ansible, Docker, Caddy, CrowdSec, Tailscale

- ◆ Operating a homelab with VPS edge, home servers, service-driven Caddy ingress and Ansible automation
- ◆ Developing the personal homepage with live homelab data, Uptime Kuma, Prometheus/Grafana and CrowdSec metrics
- ◆ Building a custom Go UI library with a component showcase for reusable web components

Sudoku Generator and Printer

[Github](#) [sudoku.mljr.eu](#)

SvelteKit, Pocketbase, go, TailwindCSS, RESTful APIs

- ◆ Storing generated Sudokus in a database
- ◆ Filtering Sudokus for printing with or without solution and colors
- ◆ Support for 9x9, 12x12 and 16x16 Sudokus

Bachelor Thesis - Speaker Diarization

[Github](#)

Python, Torch, Pyannote, Keras, Scikit-learn, Matplotlib

- ◆ Implementation of LSTM networks for Speaker Diarization
- ◆ Training and evaluation of different models
- ◆ Comparison of different clustering methods and architectures