

# DAVID KLINGBEIL

## PERSONAL

### Name

David Klingbeil

### Phone number

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### Email

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### Date of birth

01-10-2003

### Gender

Male

### Nationality

German

### Website

<https://davidklingbeil.org>

### LinkedIn

<https://www.linkedin.com/in/david-klingbeil>

## INTERESTS

- Sports
- Traveling

## LANGUAGES

English



German



I'm a student at JKU in Linz, Austria, working toward my bachelor's degree in Artificial Intelligence. Outside of my studies, I enjoy sports, traveling, and keeping up with the latest developments in AI across different fields.

## WORK EXPERIENCE

### Intranet Developer

Jul 2025 - Present

JKU Racing, Linz

- Built a Spring Boot backend with REST APIs, scheduling, attendance logging, and analytics.
- Implemented OAuth2/OIDC authentication and JWT-based access control.
- Developed Angular and PrimeNG frontends with charts, dark mode, and real-time updates.

### Student IT Worker

Jul 2024 - Jul 2025

Friedensau Adventist University, Friedensau

- Automated account deactivation with Power Shell and deployed PCs with full data migration.
- Adapted the ELO document management system for university workflows.

## EDUCATION AND QUALIFICATIONS

### BSc Artificial Intelligence

Oct 2023 - Present

Johannes Kepler University (JKU) Linz, Linz

## SKILLS

Python



Java



Angular



## PROJECTS

### Image Classification Project

- Built a CNN -based image classification pipeline in PyTorch.
- Reached 73.4% accuracy on a hidden university test set.

### Sound Event Detection System

- Co-developed a BiGRU-based sound event detector for 10 urban audio classes.
- Implemented cost-aware training and adaptive thresholds in PyTorch Lightning; reduced cost from 108 to about 38-40.

### City Wallet - Hackathon MVP

- Built a full-stack "City Wallet" app (React Native, Node.js, Postgres) with privacy-preserving, on-device recommendations.
- Implemented hybrid architecture with local ranking and backend coupon generation, plus admin tools.