

Mert Çelik

Software Engineering Student | Working Student

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Software Engineering B.Sc. student in Berlin who builds backends, command-line tools and full-stack apps in Rust, Go and TypeScript. Looking for a working-student (Werkstudent) role, up to 20 hours per week.

TECHNICAL SKILLS

Languages: Rust, Go, Python, TypeScript / JavaScript, Java, Dart

Backend: Axum, SQLx, NestJS, Node.js, REST APIs, PostgreSQL, MySQL

Frontend: Next.js, React, Svelte, Vue, Astro, Tailwind CSS

Systems & Tooling: Linux, Docker, Git, Tauri, FFmpeg, serial-port / hardware integration

Machine Learning: TensorFlow, Keras

PROJECTS

jikan-rs

github.com/sw3do/jikan-rs

Rust async library, published to crates.io

- Wrote and published an async Rust client for the Jikan (MyAnimeList) API, covering every v4 endpoint, with typed serde models and built-in rate limiting (3 req/s, burst of 5).

packet-sniffer

github.com/sw3do/packet-sniffer

Go, libpcap, BPF

- Built a cross-platform network analyzer in Go that captures traffic in real time, reads TCP/UDP/ICMP/HTTP/DNS, filters with BPF, and flags suspicious activity.

nsfw-detector

github.com/sw3do/nsfw-detector

Python, TensorFlow / Keras

- Built an image classifier that checks for NSFW content, served as a Python library and a small REST API.

discord-custom-rpc

github.com/sw3do/discord-custom-rpc

Tauri, Vue 3, Rust

- Built a cross-platform desktop app (Rust core, Vue 3 UI) for creating and managing custom Discord Rich Presence.

EDUCATION

GISMA University of Applied Sciences

B.Sc. Software Engineering

Berlin, Germany

Currently enrolled

EXPERIENCE

Working Student, Software & Operations

Bar & Entertainment Venue

Berlin, Germany

Part-time

- Built small internal tools and automated some repetitive tasks on Linux.
- Wrote serial-port code so our software could talk to the physical machines while they were running.

LANGUAGES

Turkish — Native (C2) | English — Professional working proficiency (C1) | German — Basic, actively improving (A1)