

# Yasmin Schmidt

Computer Science Graduate — Backend & Distributed Systems Focus



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## Summary

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Final-year Computer Science student at TU München graduating July 2026. Two summer internships at well-known engineering teams plus several production-grade side projects. Looking for a graduate engineering role with mentorship in backend or distributed systems.

## Experience

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**Software Engineering Intern**, SAP – Walldorf, Germany June 2025 – Sept 2025

Three-month internship on the SAP Business Technology Platform team.

- Contributed to a Kubernetes operator handling tenant lifecycle for a multi-region SaaS service; PR merged into the production codebase after two rounds of review.
- Built a synthetic load-testing harness in Go that uncovered a memory leak in a long-running gRPC connection pool; fix shipped before end of internship.
- Wrote the team's onboarding documentation for new interns and working students.

**Working Student — Backend**, Sennder – Berlin, Germany (remote) Apr 2024 – May 2025

Part-time during semester; supported the freight-pricing platform team.

- Implemented and shipped a caching layer for an internal pricing API that reduced p99 latency from 380 ms to 42 ms.
- Owned a small migration from a deprecated message broker to Kafka, including the consumer-side rollback playbook.

## Education

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**TU München**, MSc (in progress) in Computer Science Oct 2024 – July 2026

- Focus areas: Distributed Systems, Computer Networks, Programming Languages
- Thesis (in progress): Lightweight consensus protocols for edge deployments

**TU München**, BSc in Computer Science Oct 2021 – Sept 2024

- GPA 1.5 (German scale; equivalent to ~3.7/4.0 GPA)

## Skills

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**Languages:** Python, Go, TypeScript, Java (academic), Rust (learning)

**Backend & systems:** Postgres, Redis, Kafka, gRPC, Docker, Kubernetes basics

**Tools:** Git, Linux, Bazel, GitHub Actions, OpenTelemetry, Grafana

**Coursework highlights:** Distributed Systems, Algorithms, Operating Systems, Compiler Construction

## Projects

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### tinydb-rs

Single-node embedded key-value store written in Rust as a learning project; supports range queries and snapshotting. ~150 GitHub stars.

**ml-paper-club**

Co-founded a weekly student reading group for distributed-systems papers; ~25 active members.

**Languages**

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**German:** Native

**English:** Fluent (C1)

**French:** Conversational (B1)