Tamás Südi

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AI-Focused Software Engineer, specializing in system architecture simplification in large-scale environments. I build Web and API interfaces to simplify complex operations, and architect seamless workflows through strategic consultation with stakeholders. Expertise include deep platform engineering knowledge and integrating AI to systematize operational knowledge and transform it into repeatable, production-grade systems.

EXPERIENCE

Core Platform Team, Cloudera — *Software Engineer*

JUL 2024 - PRESENT

Leading the release lifecycle process; standardizing the artifact delivery system for a portfolio of over 50 products. Managing customer escalations.

Redesigned highly intuitive user interfaces and integrated AI to automate 90% of expert-level recurring tasks.

Product Platform Team, Cloudera — *Engineering Intern*

JUN 2022 - AUG 2023

Developed and implemented the hotfix automation (using Rust and Python), significantly reducing the median delivery window by 75% (from 2 workdays to 8 hours).

Open Source Development: Authored the [NAR dependency analyzer](#) Maven plugin and published to open source apache.

EDUCATION

Computer Science BSc, University of Szeged

SEPT 2021 - JUN 2024 | GPA: 4.3/5 | **Talent Distinction** for Extracurricular Projects

Data Science Specialization; Erasmus+ student exchange in Eindhoven

PROJECTS

Data Synthesis Workflow, *Cloudera*

Designed a "Fact Sharding" workflow to process raw data into structured facts, which then populates a context layer for LLM-s. This system achieved an accuracy exceeding human operators and eliminated the 15-minute manual triage cycles of human experts required for every release.

Gatekeeping revamp, *Cloudera*

Transitioned gatekeeping from a blocking CI validation process to proactive environment provisioning, maintaining quality standards while significantly reducing developer friction.

LANGUAGES

🇭🇺 Hungarian: native

🇬🇧 English: professional

CORE COMPETENCIES

LLM & AI Integration

Skills: Agentic Systems, Context Engineering, Production Application
Inference: Llama, AWS Bedrock, Claude Code

Technical Skills

Expert: TypeScript, React, Python
Proficient: SQL, FastAPI, Swagger, Rust, Java, Pandas

OPS & Platform

Infrastructure: Docker, K8S, Proxmox, AWS (EC2, S3, IAM)
CI/CD: Jenkins, GitHub Actions (Internal Platform Maintainer)
Observability: OpenTelemetry, Prometheus, Grafana