

# Teodor Đurić

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EU Citizen (Hungary) | Open to relocation across Europe | Remote available

## PROFESSIONAL SUMMARY

Backend engineer with 1.5 years of production experience and strong Rust fundamentals. Built mycelia (concurrent Wikipedia crawler with real-time visualization) and yus.rs (Rust/Leptos/WebGPU). Experienced in REST APIs, Docker, CI/CD, and database design. Proven track record shipping production systems in Go; actively expanding Rust expertise into production-grade backend services. Strong foundation in concurrent programming, testing practices, and distributed systems.

## WORK EXPERIENCE

**Software Engineer**  
Soft-tronic

Jul 2023 — Dec 2024  
*Remote (Novi Sad, Serbia)*

- Built SmartServe (Go) for modular backend-first features and clear boundaries
- Added table-driven unit/integration tests (httptest, SQLite) to prevent regressions and document behavior
- Maintained GitHub Actions pipelines (build/test/lint), reducing manual deploy time
- Dockerized services and administered Linux servers

## PROJECTS

**mycelia | Concurrent Wikipedia Crawler & Graph Visualizer**  
[github.com/yus-works/mycelia](https://github.com/yus-works/mycelia)

- Async Rust crawler using Tokio processing Wikipedia pages with real-time WebSocket streaming
- Interactive D3.js force-graph visualization of article relationships
- Implemented rate limiting and batching for smooth frontend performance
- Demonstrates async/await patterns, WebSocket communication, and frontend/backend coordination

**yus portfolio (Rust/Leptos/WebGPU)**  
[github.com/yus-works/yus](https://github.com/yus-works/yus)

- Full-stack Rust/WASM application with interactive WebGPU/WebGL2 shader demonstrations
- Production deployment with optimized build pipeline (20m -> 2m using cargo-chef)
- Demonstrates Rust web capabilities, error handling, and infrastructure as code (Nix)
- Live: <https://yus.rs>

## OSS CONTRIBUTIONS

**csc.nvim | Neovim Plugin for Conventional Commits**  
[github.com/yus-works/csc.nvim](https://github.com/yus-works/csc.nvim)

- 35 GitHub stars, featured in awesome-neovim curated list
- Git-aware plugin providing intelligent commit scope completion from repository history
- Active maintenance with community engagement and feature requests

**Tessera (Rust immediate-mode UI)**  
[github.com/tessera-ui/tessera](https://github.com/tessera-ui/tessera)

- Introduced Nix flake exposing dev shells (desktop & Android), improving onboarding speed and environment parity
- Made small, reviewable PRs with clear commit messages and rationale; kept docs in sync

## CORE SKILLS

- Languages: Rust, Go, SQL, Python, Bash
- Backend: REST APIs, concurrency, event-driven architecture, structured logging
- Data: Postgres, SQLite; schema design, migrations, indexing
- Infra: Docker, Linux (NixOS/Ubuntu), GitHub Actions; Nix flakes
- Quality: table-driven tests, CI maintenance, code review, docs

## EDUCATION

**Faculty of Technical Sciences**  
*Bachelor's in Software Engineering & Information Technologies*

Novi Sad, Serbia  
Jul 2021 — Jun 2024

## ADDITIONAL INFORMATION

- Remote Work: 1+ years of remote collaboration experience across distributed teams
- Languages: English (fluent), Serbian (native), Hungarian (fluent)
- Interests: Distributed systems, cloud-native architectures, open-source software