



Kugli Balázs

Backend Software Developer

✉ bzkugli@gmail.com ☎ [06202752600](tel:06202752600) 📍 Győr, Hungary 🌐 kbalazs.dev

Profiles

🐙 GitHub
[bivorzk](#)

🔑 GitLab
[bivorzk](#)

⭐ Codewars
[bivorzk](#)

⭐ LeetCode
[bivorzk](#)

Summary

Backend-focused software developer with a strong interest in Rust, distributed systems, and scalable backend architecture. Experienced building REST APIs, real-time applications, caching systems, authentication flows, and game backend architecture. Comfortable with frontend development when needed, but primarily focused on backend engineering.

Education

Győri SZC Bolyai János Technikum Software Developer & Tester Technician (EQF 5) • Grade: 94%
Mosonmagyaróvár • 2021-2026 (graduated)

Projects

SnapTray
Production-ready cafeteria ordering platform (MERN + Rust) with Redis-cached menu system (Lua scripts, MongoDB Change Streams invalidation), Signal-protocol E2EE chat (Double Ratchet/X3DH/ECDH P-256), PayPal/Google Pay checkout, reCAPTCHA v3 abuse prevention, GDPR-compliant IP hashing, and a Rust/Dioxus desktop 2FA client
Stack: JavaScript • TypeScript • Rust • Node.js • Express • React • MongoDB • Redis • Tailwind CSS

Video to ASCII
Converts any mp4 files to ASCII

Keyboard Tester
Windows desktop application for real-time keyboard visualization using the Windows Raw Input API.
Stack: Rust • C++ • egui • Win32 API • Raw Input • Rust FFI

WoWCompanionApp
Desktop companion (Rust/Dioxus 0.6) integrating Blizzard OAuth2, [Raider.IO](#), and WarcraftLogs v2 GraphQL APIs

Skills

⭐ Backend Axum, Node.js, Express, SQL, BunJS	⭐ Languages Rust, C++, C#, TypeScript, JavaScript, Java, Python, SQL/NOSQL	⭐ Tools Git, Docker, Linux, CMake	❤️ Databases PostgreSQL, MongoDB, Redis, MySQL
--	--	---	--

Languages

Hungarian Native ●●●●●●	English B2 complex language certificate ●●●●○○
--------------------------------------	---