

SIMON SOKA

11+ years building enterprise systems, from Mastercard’s payment infrastructure to customs administration at national scale. Today I ship production products solo, with an AI-native workflow.

ABOUT

11+

YEARS OF
EXPERIENCE

10K+

ACTIVE MINERS
SUPPORTED

1M+

API REQUESTS/DAY
SHIPPED

30%

CUSTOMS PROCESSING
SPEEDUP

AI & AUTOMATION	Claude Code · MCP Servers · Agent Workflows · LLM APIs · Codex CLI · Prompt Engineering · AI-Assisted TDD · Browser Automation
BACKEND	C# · ASP.NET Core · .NET Framework · C++20 · Python · GoLang · Entity Framework · Dapper · RabbitMQ
FRONTEND	React · Angular · TypeScript · WPF · Razor Pages · DevExpress
DATA & DEVOPS	SQL Server · MongoDB · Redis · PostgreSQL · Docker · Nginx · Azure DevOps · Node.js · Microservices · REST APIs · TDD
LANGUAGES	Slovak (native) · English (C1) · Russian* * spoken comprehension only

EXPERIENCE

2024 – Present

Evolved s.r.o.

Founder & Full-Stack Developer

- Built and launched evolved.sk from scratch, a live e-commerce store processing real orders. React 19, TypeScript, Vite with custom SSR, Express, MongoDB, and Redis.
- Integrated the commerce stack end to end: Stripe payments, webhooks and invoicing, Packeta shipping, Heureka product feed, and automated EU VAT rates.
- Ran everything else the store needs: infrastructure and monitoring, full-stack security, SEO and structured data, conversion analytics, GDPR, plus the marketing and paid ads.
- Built a GEO/SEO analytics SaaS that tracks brand citations across ChatGPT, Perplexity, Gemini, and Claude, with keyword clustering, site crawling, and backlink monitoring. Next.js, Prisma, PostgreSQL, BullMQ, Stripe.
- Work AI-native: agent-driven implementation with Claude Code, custom MCP servers, and automated review and test loops on top of TDD. Published @etheaven/codex-mcp-server to npm and the Claude Code plugin marketplace.
- Delivered chensconsulting.com for a client, from design to launch. Next.js, Sanity CMS, Vercel.
- Shipped full e-commerce platform solo: payments, shipping, invoicing, i18n (SK/EN), and analytics
- Achieved Lighthouse performance score of 93–96 with SSR, lazy loading, and idle-until-urgent hydration
- Delivered 2,300+ commits across four production codebases in 14 months, solo, with unit and E2E test coverage throughout

2025 – 2026

Confidential Client • Under NDA

Backend & Infrastructure Engineer • Contract • Remote

- Wrote the C++20 mining server behind a platform serving 10,000+ miners across 5+ continents. Asynchronous networking, in-memory event storage, and multiple proof-of-work algorithms with merged mining.
- Implemented the mining protocol end to end, from job distribution and share validation through difficulty targeting and adaptive tuning per miner.
- Tuned it for sustained load and hunted the concurrency defects that surfaced there, including a recursive mutex deadlock in the message send path.
- Owned the infrastructure: multi-region data replication, a private-network-only data plane, edge routing with rate limiting, and containerized node orchestration.
- Backed it with unit, integration, and performance test suites that gate every rollout.
- **Took the server from first commit to production, live across multiple chains**
- **Near-zero-downtime upgrades with blue/green rollout and graceful connection drain**

2023 – 2024

Ditec

Full-Stack .NET Developer • Remote

- Collaborated with IT analysts to translate EU/national customs business logic into actionable plans for a critical government customs administration system upgrade for the Slovak Financial Administration
- Designed and implemented real-time declaration tracking using RabbitMQ for asynchronous processing of customs data across import/export workflows
- Optimized database interactions with Dapper and message queuing with RabbitMQ, improving overall customs clearance processing speed
- Built complex desktop (WPF) interfaces using Prism and DevExpress for back-office customs operations
- Modernized codebase with Dryloc dependency injection and strict unit testing (XUnit, Moq)
- Presented the upgraded architecture and features to key stakeholders from the Slovak Financial Administration
- **Improved customs processing speed by 30%**
- **Reduced asynchronous declaration processing time by 25% with real-time tracking**

2022 – 2023

Mastercard

Full-Stack .NET Developer • Itera Slovakia • Remote

- Developed and maintained core payment systems for Mastercard Payment Services Denmark, serving critical Danish financial infrastructure used by 95%+ of the population
- Worked on Betalingsservice (consumer direct debit) and Leverandørservice (B2B payments) platforms, including API integrations and web portals
- Built and optimized high-throughput REST APIs under Mastercard's Golden Standards compliance framework
- Delivered in a cross-border Scrum team (Slovakia, Denmark) using C#/ .NET, ASP.NET Core, Razor Pages, Azure DevOps, and Azure Cloud
- **Built a fraud detection system reducing fraudulent transactions by 15%**
- **Shipped an API handling 1M+ requests/day**

2021 – 2022 **CRIF**

Full-Stack .NET Developer · CRIF Slovak Credit Bureau · Remote

- Developed and enhanced Credit Navigator (CNAV), a secure web portal enabling electronic communication between financial institutions, municipalities, and banks for credit data access and tax enforcement
- Built data visualization dashboards for credit reports from SRBI (Slovak Banking Credit Bureau) and NRKI registers, providing real-time financial insights to institutional clients
- Optimized MSSQL database queries and Entity Framework data access layer, improving response times for credit report retrieval across 17+ banks
- Maintained and improved ASP.NET MVC backend with RazorEngine templating and AngularJS frontend for server-side rendering of financial documents

2019 – 2021 **Logamic**

Software Engineer · Remote

- Built software infrastructure for managing laboratory hardware in the U.S.
- Focused on WPF, Prism, DevExpress, and TDD
- Streamlined backend operations using Python and C

2015 – 2021 **TSS Group**

.NET Developer · Remote, Hybrid, On-site

- Managed a team of 7 optimizing a high-traffic web application
- Created a security platform for hotels and buildings using ASP.NET Core, GoLang, and Python
- Worked with SOAP, WSDL, SATEL security protocols, and AI-based license plate recognition

2019 – 2021 **Slovenská technická univerzita v Bratislave**

Information Technology

- Prioritized career growth, transitioning to full-time professional development

Certification **Oracle Certified Professional**

Oracle Database Security Expert Certification

PROJECTS

OPEN SOURCE · AI TOOLING **Codex MCP Server** TypeScript · Node.js · MCP · npm <https://github.com/etheaven/codex-mcp-server>

E-COMMERCE **Evolved.sk** React · TypeScript · Node.js · MongoDB · Stripe <https://evolved.sk>

CLIENT WEBSITE **Chen's Consulting** HTML/CSS · JavaScript · Responsive <https://chensconsulting.com>

SECURITY PLATFORM **e-Reception** ASP.NET Core · GoLang · Python · WPF <https://innovis.ai/sluzba/automaticka-recepce/>

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