

Ferenc Sticza

Principal / Staff Software Engineer | Platform, Backend, TypeScript

Hands-on principal/staff-level engineer with 20+ years building backend systems, product platforms, and distributed services.

Strongest where platform redesign, delivery speed, reliability, and implementation depth all need to move together.

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Location: Gödöllő, Pest, Hungary (CET / CEST)

Website: sticza.com

CORE HIGHLIGHTS

- 20+ years of software delivery across consulting, product engineering, and hands-on architecture roles.
- Redesigned microservice platforms end to end across architecture, observability, API governance, and delivery workflows.
- Reduced CI feedback to the development environment from roughly 1 hour to about 6 minutes.
- Delivered annual savings of several hundred thousand USD through search-platform modernization.
- Reworked public-sector systems to handle millions of requests per day reliably.

EXPERIENCE

Principal Engineer & Product Architect

MONAD SYSTEMS

May 2021 - Present

Node.js, TypeScript, Kafka, OpenAPI, AsyncAPI, React, Vue.js, Docker, Kubernetes

- Led platform redesign and implementation across clear microservice boundaries, event-driven integration, and production-grade delivery standards.
- Introduced API design-first governance, observability, and quality gates, cutting CI time to the development environment from roughly 1 hour to about 6 minutes.
- At Fizz, redesigned the wider microservice platform and modernized search behind an adapter pattern, delivering major speed gains and annual savings of several hundred thousand USD.

Full Stack JavaScript Engineer

Self-employed

Jul 2017 - May 2021

JavaScript, TypeScript, Node.js, React, Vue.js, APIs

- Delivered backend services, APIs, and web applications across multiple production client engagements.
- Worked hands-on with Node.js, Redis, Kafka, MongoDB, OpenAPI, React, Vue.js, and React Native.
- Combined implementation, modernization, and technical leadership while staying close to delivery.

Lead Full Stack JavaScript Developer

Virgo Systems

Sep 2013 - Jun 2017

Node.js, Vue.js, Backbone.js, Webpack, Redis, MongoDB, Git

- Led JavaScript delivery for social and e-commerce applications.
- Combined architecture work with hands-on implementation and team mentoring.
- Worked across Node.js services, frontend frameworks, and supporting build tooling.

Software Engineer

LogMeIn

Jan 2013 - Aug 2013

JavaScript, YUI, jQuery, HTML5, CSS3, Git, SVN

- Improved front-end code quality for BoldChat.
- Worked on performance and user experience improvements in a product engineering environment.
- Delivered JavaScript, HTML5, and CSS3 changes using YUI, jQuery, Git, and SVN.

Earlier experience

Virgo Systems, Sense/Net Inc, Docler Holding, Consulting Ltd.

2006 - 2012

- Delivered frontend and web application work across social, portal, and business systems.
- Worked with JavaScript, jQuery, prototype.js, JSP, XHTML, CSS, XSLT, PHP, and C#.

SELECTED PROJECTS

IdomSoft

2023 - 2026

- Redesigned and reimplemented the former Electoral Information System while strengthening cloud-native platform foundations.
- Enabled the system to reliably handle millions of requests per day without operational glitches.

Fizz

2022 - 2026

- Redesigned the full microservice platform to improve service boundaries, observability, delivery confidence, performance, and cost efficiency.
- Replaced a slow and flaky third-party search provider with an Azure AI Search-based implementation, delivering major speed improvements and annual savings of several hundred thousand USD.

Netrisk

2023 - 2025

- Designed a scalable event-driven insurance platform with reliable partner integration and cloud-native delivery foundations.
- Enabled robust real-time communication and integration with multiple insurance partners.

Magyar Bankholding

2021 - 2022

- Pioneered API spec-driven development and helped establish Internal Developer Platform foundations.
- Improved delivery consistency and faster service initialization across teams in a regulated banking environment.

SKILLS

- Backend: JavaScript, TypeScript, Node.js, Fastify, AJV
- Frontend: React, Vue.js, React Native, HTML5, CSS3
- Cloud / DevOps: Docker, Kubernetes, Terraform, ArgoCD, GitOps, Azure, AWS, Oracle Cloud
- Messaging / APIs: Kafka, IBMMQ, OpenAPI, AsyncAPI, REST APIs
- Databases: PostgreSQL, MongoDB, Redis
- Leadership: system design, platform modernization, reliability and observability, spec-first API delivery, technical mentoring

EDUCATION

B.Sc. in Business Information Systems, Corvinus University of Budapest, 2007 - 2010