

OPEN TO STAFF+ ENGINEERING ROLES

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.

Recent outcomes include full-platform microservice redesign, USD 100Ks+ in annual savings from search modernization, CI feedback reduced from roughly 1 hour to 6 minutes, and public-sector systems reworked to handle millions of requests per day reliably.

End-to-end

Redesigned microservice platforms across architecture, delivery, and observability

1h -> 6m

CI feedback time cut to the development environment

Millions/day

Public systems reworked for reliable high-volume traffic

EXPERIENCE

20+ years

BASE

Hungary (CET / CEST)

BEST FIT

Staff / Principal IC roles with architecture and implementation close together

PRIMARY STACK

JavaScript, TypeScript, Node.js

FOCUS AREAS

Platform engineering, backend systems, distributed architecture

Based in Hungary, working CET / CEST, and open to backend, platform, or full-stack Staff+ IC roles.

Experience shaped by consulting, product delivery, and architecture work

Principal Engineer & Product Architect

MONAD SYSTEMS

May 2021 - Present

Hands-on principal engineering work across platform redesign, API-first delivery, event-driven systems, and production operations.

Core stack: 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

Independent JavaScript/TypeScript consulting across backend services, web apps, modernization work, and technical delivery.

Core stack: 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

Lead full-stack JavaScript delivery for social and e-commerce products.

Core stack: 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

Improved front-end code quality, performance, and user experience for BoldChat.

Core stack: 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

Senior Frontend Developer

Virgo Systems

May 2010 - Dec 2012

Senior frontend development role at Virgo Systems.

Portal Builder

Sense/Net Inc

Feb 2010 - May 2010

Portal builder role at Sense/Net Inc.

Sitebuilder

Docler Holding

Dec 2008 - Feb 2010

Sitebuilder role at Docler Holding.

Web Developer

Consulting Ltd.

Sep 2006 - Dec 2008

Built online PHP-based systems for apartment buildings managing monthly settlement workflows with Fotav.

EDUCATION

Corvinus University of Budapest

B.Sc. in Business Information Systems, 2007 - 2010

Recent platform, architecture, and delivery work

2023 - 2026

IdomSoft

Platform engineering and architecture consulting focused on cloud-native delivery and operational foundations.

Role: Platform Engineering & Architecture Consultant

Tech stack: Oracle Cloud, Kubernetes, GitOps, ArgoCD, Helm, Terraform, Node.js, TypeScript, React

Impact / outcome: Redesigned and reimplemented the former Electoral Information System while strengthening cloud-native platform foundations for high-volume, reliable public service delivery.

- **Problem:** the former Electoral Information System needed stronger reliability and scalability to handle sustained high request volumes.
- **Approach:** redesigned and reimplemented the platform architecture while shaping cloud infrastructure and operational practices.
- **Outcome:** enabled the system to reliably handle millions of requests per day without operational glitches.

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2022 - 2026

Fizz

Hands-on principal engineering contribution across platform redesign, microservice architecture, team enablement, and implementation for a high-performance product platform.

Role: Principal Engineer (Platform Engineering & Architecture)

Tech stack: Node.js, Kafka, PostgreSQL, MongoDB, Redis, TypeScript, React, Azure, Azure AI Search, Kubernetes, OpenAPI, AsyncAPI

Impact / outcome: Redesigned the full microservice platform, including the search capability, to improve service boundaries, observability, delivery confidence, performance, cost efficiency, and provider flexibility.

- **Problem:** the platform needed clearer service boundaries across all microservices, stronger operational visibility, reliable delivery gates, and a faster, less costly search capability.
- **Approach:** redesigned and led implementation of the new microservice platform around clear service boundaries, production observability, API design-first governance, and CI quality gates.
- **Search outcome:** replaced a slow and flaky third-party provider with an Azure AI Search-based implementation behind an adapter pattern, delivering major speed improvements and annual savings of several hundred thousand USD.
- **Delivery outcome:** reduced CI time to the development environment from roughly 1 hour to about 6 minutes, making iteration substantially faster.

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2023 - 2025

Netrisk

Led design and implementation of a modern event-driven insurance platform on Azure, focused on reliability, extensibility, and partner integrations.

Role: Lead Architect & Principal Engineer

Tech stack: Node.js, TypeScript, Kafka, Azure, GitOps, Docker, Kubernetes, OpenAPI, Fastify

Impact / outcome: Designed a scalable event-driven insurance platform with reliable partner integration and cloud-native delivery foundations.

- Problem: insurance provider integrations needed reliable asynchronous communication and extensible backend foundations.
- Approach: designed Kafka-based event-driven architecture, GitOps-oriented Azure deployment workflows, and scalable Node.js services.
- Outcome: enabled robust real-time communication and integration with multiple insurance partners.

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2021 - 2022

Magyar Bankholding

Full-stack engineering in a regulated environment with event-driven integration, API contracts, and cloud deployment concerns.

Role: Full-Stack JavaScript Engineer

Tech stack: Node.js, Fastify, Kafka, IBMMQ, Jest, AsyncAPI, OpenAPI, TypeScript, Kubernetes, Azure, AWS

Impact / outcome: Pioneered API spec-driven development and helped establish Internal Developer Platform foundations to speed service delivery in a regulated banking environment.

- Problem: teams needed a more consistent way to define APIs and bootstrap new services quickly in a regulated environment.
- Approach: introduced API spec-driven development and helped build Internal Developer Platform foundations with service templates and internally developed packages.
- Outcome: improved delivery consistency and faster service initialization across teams.

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SKILLS

Technical strengths across backend, product delivery, and platform work

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

Tools / Practices

Git Vitest Architecture consulting
Technical mentoring

Technical leadership

Hands-on technical leadership

System design

Platform modernization

Reliability and observability

Spec-first API delivery

Cross-team engineering enablement

CONTACT

Let's talk

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LOCATION / TIME ZONE

Gödöllő, Pest, Hungary (CET / CEST)

PDF CV

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Available for backend, platform, or full-stack roles

Best fit: Staff+ IC roles where architecture, hands-on implementation, and product impact stay close together.