# Gergő Sárffy

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## SUMMARY

As a self-taught **full stack developer** and **software architect**, I am extremely passionate about staying up-to-date with the latest technologies and constantly improving my skills. I have a strong foundation in both **front-end** and **back-end technologies**, and I am confident in my ability to deliver **high-quality**, **scalable solutions** for any project.

I've assisted and led the development of **industrial-level software** for a broad range of entities across various sectors, such as finance, ecommerce, services and gaming. I provide services covering the **entire software development lifecycle**, from initial design through testing and ultimately, deployment to production. The creation of **web applications**, **mobile applications**, and **complex systems** requiring extensive infrastructure are within my area of expertise.

## EXPERIENCE

### Software Architect

**Peak Financial Services**                                      **October 2024 - Present, Budapest**

Peak provides fintech solutions, including platform development, strategic design, and program management, to help businesses streamline financial services and card programs with clients like MBH Bank and Opus Global.

· Assisted in the **establishment of a development team** of 7 professionals working on several various projects.

. Coordinated the **entire software development lifecycle** of several projects while maintaining continuous communcation with related design and management teams.

. Laid the **technological foundations** and architecture of innovative AI-based solutions serving 10.000+ users.

. Introduced and optimized **software development best practices and coding standards**, including onboarding processes, development strategies, DevOps pipelines and the general way of working.

### Full Stack Developer

**Peak Financial Services**                                      **June 2023 - October 2024, Budapest**

· Independently developed various **proof-of-concept projects** to assess client needs.

· Implemented and **integrated a design system** in small dynamic teams.

· Experimented with **AI technologies** and evaluated their viability in a production environment.

· Worked closely with external development teams and business representatives.

· Developed user-facing features in enterprise finance applications.

### Full Stack Software Engineer

**Rollout IT**                                                   **May 2023 - Present, Remote**

· Refactored entire features and codebases across multiple projects, improving **maintainability and performance**.

· Led the **implementation of mobile-friendly pages** for an algorithmic trading platform, enhancing user experience and accessibility.

· Developed **commercial-grade admin dashboards** for a well-recognized Hungarian construction company, streamlining business operations.

· Built an **AI-powered** used car search engine, leveraging **machine learning** to improve search accuracy and user engagement.

### Full Stack Web & Mobile Developer

**Wedding Manager**                                              **June 2021 - March 2023, Remote**

Wedding Manager is a Hungarian startup that developed a platform of the same name to help couples organize weddings and connect with service providers.

· Developed and **shipped new features across web and mobile platforms** using React, React Native, and NestJS.

· Diagnosed and **resolved critical bugs**, improving system stability and user experience.

· **Optimized the codebase** to enhance long-term scalability and code maintainability.

· **Integrated AWS services** to support backend functionality and infrastructure.

· Contributed to **architectural decisions** and best practices to ensure long-term code health.

### Freelance Web Developer
**Various clients**                                                                    January 2019 - January 2022
· Developed custom portfolio sites and e-commerce webshops using WordPress, tailoring solutions to client needs.
· **Delivered full-stack solutions**, combining backend architecture with intuitive and responsive front-end designs.
· Built **complex ERP and CRM applications** with NextJS and MongoDB, integrating diverse UI systems.
· **Deployed and maintained applications** on Vercel, PlanetScale and Railway, optimizing performance and cost-efficiency.
· Gained hands-on experience in networking, Linux system administration, and UI/UX development.

### Co-Founder & IT Specialist
**Huroc Solutions / Hungarian Rockstar Club**                                           June 2018 - December 2020
· Managed and **maintained a legacy project**, ensuring continued functionality and support.
· Developed and deployed **small features** to serve players interested in related videogames.
· Reorganized and optimized networking-related projects, including deploying to multiple DigitalOcean Droplets.
· Configured nginx for **network management**, set up DNS, and integrated with providers like Cloudflare for enhanced security.
· Ensured smooth deployment processes and **reliable infrastructure on AWS**.

## SKILLS / TECHNOLOGY

**Languages**: TypeScript / JavaScript, Python, Go (learning), Rust (learning)

**Front End**: NextJS, React, Redux, Zustand, Tailwind, Shadcn, Tanstack, HTML5, CSS3

**Back End**: NodeJS, NestJS, Express, GraphQL, Prisma, SQL, Kafka, PostgreSQL, MongoDB, Redis, Weaviate, OAuth

**Cloud**: AWS, Azure, Vercel, Railway, Cloudflare, Terraform, Docker, Github Actions

**Tools**: Git, AI-assisted Copilots, Figma, Adobe XD, Project Management (Github Projects, Jira, Confluence)

**Infra**: Docker, Terraform, NX, Turborepo

**Native / Cross-Platform**: Expo, React Native, Electron, Tauri