

# Salih Devran Tırık

## Software Engineer

+90-542-454-39-09 · salihdevran9@gmail.com · [LinkedIn](#)

Software Engineer with 5+ years of experience in SaaS, headless commerce, and trading systems. Focused on scalable backend architectures (Golang), modern frontend frameworks, and real-time distributed systems. Strong track record in building high-performance, production-grade applications.

---

## WORK EXPERIENCE

Naughty Development

London - Side Project  
Dec 2025 - Present

### Software Engineer - Data & Infrastructure

#### Stralgo:

- Developing a no-code crypto strategy builder and deterministic backtesting engine, enabling users to design, version (v1/v2), and validate algorithmic trading strategies with reproducible, paper-only simulations.
- Designing an async worker-based backtesting architecture, including immutable backtest results, strategy versioning, anti-gaming leaderboard rules, and paper copy portfolios to ensure transparency and trust.
- Building a creator-first strategy marketplace with social features (follow, like, clone), clear execution semantics (signal at candle close → fill at next open), and MVP-focused reliability, moderation, and analytics tooling.

#### Technologies

- Go, PostgreSQL, SvelteKit, Supabase Auth, TypeScript, Redis, Async Job Queues, Financial Backtesting System

#### SeoTrace:

- Built a production-grade SaaS SEO analytics platform, focusing on scalable system design, real-time data processing, and performance optimization.
- Developed a concurrent web crawler and modular SEO analysis engine (hreflang validation, render comparison, resource analysis), along with time-series analytics and regression detection systems.
- Designed and implemented multi-tenant architecture (RBAC), credit-based billing infrastructure, and async job pipelines with real-time (SSE) notifications.
- Delivered data-intensive dashboards and analytics tools, integrating external services such as Google Search Console and PageSpeed APIs. Managed containerized deployments, CI/CD workflows, and cloud integrations, ensuring reliability and scalability across the platform.

#### Technologies

- Golang, PostgreSQL, SvelteKit, TypeScript, Docker, Railway, SSE, GSC API, PageSpeed API

Alignerr

US - Remote  
Aug 2025 - Present

## AI Model Training & Evaluation

- Actively contributed to the training and evaluation of OpenAI large language models, focusing on improving code reasoning, instruction-following, and multi-turn self-correction capabilities.
- Designed, reviewed, and evaluated repo-based coding tasks (bug fixing, refactoring, greenfield development, security and reasoning-heavy scenarios) by comparing model outputs against real-world GitHub repositories.
- Created and iterated on high-failure-rate ( $\geq 60\%$ ) multi-turn prompts, providing structured feedback that directly influenced model behavior, reasoning quality, and response reliability.

Freelance

Sep 2025 - Jan 2026

## E-commerce & Frontend Engineer

- Headless Shopify & custom storefronts for beauty and DTC brands; SEO architecture, performance optimization, CMS integrations.
- Clients: Merit Cosmetics, Luneva, But Why?

Technologies

- React, Next.js, Remix, TypeScript, Hydrogen, Oxygen, GraphQL, Sanity

Beynart (Agency)

Istanbul - Hybrid  
Oct 2024 - Jan 2025

## Full-stack Go/React Engineer

### Backend:

- Developed high-performance B2B solutions using Golang and a microservices architecture. Designed RESTful APIs and optimized data storage processes with PostgreSQL.
- Implemented scalable applications using the gochi framework and integrated cloud storage solutions like AWS S3 to enhance data accessibility and reliability.

### Frontend:

- Built responsive and user-focused web applications with React, Next.js, Astro, and SvelteKit.
- Utilized TypeScript and TailwindCSS to develop sustainable and performance-oriented frontend components.
- Created dynamic and interactive user experiences using libraries like Material UI, Framer Motion, GSAP, and shadcn/ui.

### Mobile:

- Developed cross-platform mobile applications for iOS and Android using React Native and Expo.
- Ensured consistent performance and prioritized user experience in mobile applications.

### Technologies:

- Golang, gochi, PostgreSQL, AWS S3, TypeScript, React.js, Next.js, Astro, SvelteKit, TailwindCSS, Material UI, Framer Motion, GSAP, React Native, Expo, Docker, GCP, Figma, Postman, Vercel, CI/CD tools

Laboratoire Gaiana  
Paris  
Paris - Remote  
Feb 2024 - Nov 2024

## Product Designer/Frontend Developer

### Client Collaboration & Strategy

- Collaborated with the client to define brand identity and core values, aligning with business goals.
- Maintained continuous communication, incorporating feedback to ensure alignment with expectations.

### Design & Prototyping

- Designed and refined the brand image using Figma and Adobe Photoshop, securing client approval.
- Created high-quality prototypes and visuals to enhance clarity and client engagement.

### Frontend Development

- Developed a responsive website using Next.js, Tailwind CSS, React, and Framer Motion.
- Ensured cross-device compatibility and optimal performance through responsive design principles.

NaughtyDevelopment  
London - Remote  
Jan 2020 - May 2023

## Full-stack Go/React Engineer

### Backend:

- Developed high-performance B2B solutions using Golang and a microservices architecture. Designed RESTful APIs and optimized data storage processes with PostgreSQL and MongoDB.
- Integrated cloud storage solutions using MinIO to enhance data accessibility and reliability, while implementing scalable applications with the gofiber framework.

### Frontend:

- Built responsive Single Page Applications (SPAs) using React and Next.js.
- Utilized TypeScript, TailwindCSS, and Material UI to craft seamless and user-focused interfaces.
- Enhanced interactivity and animation using libraries like ChakraUI and shadcn/ui.

### Mobile:

- Built cross-platform mobile applications using Flutter, delivering consistent performance across iOS and Android devices.

### Technologies:

•Golang, gofiber, PostgreSQL, MongoDB, TypeScript, JavaScript, React.js, Next.js, TailwindCSS, Material UI, ChakraUI, Docker, GCP, MinIO, Postman, Flutter, Dart, Vercel

Simpliers  
Denizli - On Site  
May 2021 - Aug 2021

### **Full-stack PHP/Vue Engineer**

#### **Backend & Frontend Development:**

- Led the development of a social media e-commerce platform, contributing to both backend and frontend solutions.
- Designed and implemented key features, including product management, user authentication, and order processing.
- Focused on ensuring the platform's scalability, performance, and smooth user experience.

#### **Technologies:**

PHP, Laravel 8, Vue.js, Bootstrap, MySQL, Docker

Samimiyetsiz  
Istanbul - Remote  
Nov 2020 - May 2021

### **React Frontend Developer**

- Developed and maintained the frontend for the Samimiyetsiz content management system, utilizing React for building dynamic and responsive user interfaces.
- Implemented key features such as user authentication, content management, and integration with backend services.
- Ensured a smooth user experience by integrating third-party services and optimizing frontend performance.

#### **Technologies:**

React.js, TypeScript, RxJS, Bootstrap, Firebase, Git

## **EDUCATION**

**Computer Science**

2022 - 2024

Manisa Celal Bayar University

---

## **REFERENCES**

### **Sinan Sumertas**

JPMorgan Chase / Lead Cloud Security

**LinkedIn:** [www.linkedin.com/in/sinans](https://www.linkedin.com/in/sinans)

**Email:** [sinansumertas@gmail.com](mailto:sinansumertas@gmail.com)