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Product-Minded Full-Stack Developer

Full-stack developer building AI-assisted products, developer tools, self-hosted platforms, and practical web/mobile systems. I work comfortably across TypeScript, Node.js, Svelte, Astro, Cloudflare, Convex, PostgreSQL, Docker, and Swift/iOS, with a bias toward shipping working systems end to end: product flows, backend workflows, agent integrations, deployment pipelines, dashboards, and operational tooling.

I started with JavaScript and frontend engineering in 2017, grew through e-commerce integrations and Shopify/Lightspeed/Magento projects, and now focus more broadly on AI-enabled product engineering, platform control planes, cloud infrastructure, and rapid prototyping.

Core Strengths

- End-to-end product engineering: frontend, backend, deployment, auth, data models, background workflows, and admin tooling.
- AI and agentic workflows: OpenAI/AI SDK integrations, Convex agents, workflow automation, AI-assisted content/product tools, and practical agent testing loops.
- Cloud and platform systems: Cloudflare Workers, Pages, D1, KV, Workers Builds, GitHub-backed provisioning, Docker, Traefik, self-hosted services, backups, and release hardening.
- Modern web apps: TypeScript, Node.js, Svelte/SvelteKit, Astro, React, Vite, Tailwind-style UI systems, Keystatic, Directus, Firebase, PostgreSQL, MongoDB.
- Mobile/product prototyping: SwiftUI, Convex Swift SDK, iOS automation scripts, push notifications, and real-time app flows.
- E-commerce and integrations: Shopify Plus, Shopify apps, Liquid/theme development, Polaris, Lightspeed, Magento 2, WooCommerce, BigCommerce, payment/order/catalog workflows.

Experience

Independent / Freelance Full-Stack Developer

Jan 2025 - Present

- Built and iterated on multiple AI-assisted product and infrastructure projects across Convex, Cloudflare, GitHub, Swift/iOS, Astro, Svelte, and TypeScript.

- Created Convexer, a self-hosted manager for running multiple Convex-based backend bundles on a VPS, including Docker orchestration, Traefik routing, PostgreSQL management, Better Auth sidecars, backup destinations, health checks, update/rollback flows, and Playwright coverage.
- Built a Cloudflare Worker control plane for an AI static-site builder, with D1-backed accounts/sites/drafts, GitHub repo provisioning, Astro + Keystatic templates, Workers Builds integration, preview-to-production approvals, editor routing, and Custom GPT configuration.
- Developed TAPU rental management, an iOS + Convex product with real-time subscriptions, marketplace flows, process approvals, agent messaging, push notifications, Better Auth, and WhatsApp integration work.
- Built and maintained publishing infrastructure for Uygulamali Felsefe Derneği using Astro, Keystatic, multilingual content models, GitHub-backed editing, Cloudflare Pages/Workers SSR, and PDF catalog download flows.
- Worked on DeepTurkishNews3, an AI-assisted Turkish news platform with Astro, Convex, Cloudflare deployment, content workflows, and streaming/broadcasting infrastructure.
- Built developer and research tools including a Puppeteer GPU/WebGL tester, SC2 asset/map extraction tooling, Google Jules chat/todo bridge, portfolio chatbot, and AI poster generation experiments.

Full-Stack Developer, TRUTH Istanbul

Nov 2019 - Present | Contract

- Delivered full-stack e-commerce and content projects across Shopify Plus, Lightspeed, Magento 2, WooCommerce, BigCommerce, Node.js, Firebase, PostgreSQL, MongoDB, React/Polaris, Liquid, Twig, and Svelte.
- Built custom Shopify apps and theme features for product/catalog workflows, wholesale logic, custom forms, conditional shipping, lookbooks, and migration support.
- Implemented platform integrations for Lightspeed HQ/eCom, Shopify, and related storefront/admin workflows using APIs, webhooks, embedded apps, and custom backend services.
- Contributed to Magento migration and storefront work involving RequireJS, KnockoutJS, and legacy frontend systems.
- Took increasing responsibility for architecture, deployment, integrations, and production support across client projects.

Earlier Frontend and E-Commerce Engineering

2017 - 2019

- Started professional programming with JavaScript and frontend work, including canvas/image editing experiments that led to e-commerce personalization work.

- Worked with Vue.js, Fabric.js, Firebase, Express, Webpack, BigCommerce, WooCommerce, and Shopify integrations.
- Helped build and deploy frontend scripts and integration surfaces connecting storefront UI behavior with backend services.

Selected Projects

Convexer

Self-hosted control plane for running multiple Convex app backends on one VPS. Includes instance lifecycle management, Docker-based services, Traefik routing, PostgreSQL browsing/backups, Better Auth sidecars, image update hardening, rollback metadata, and operational dashboards.

Tech: TypeScript, Node.js, React, Docker, Traefik, PostgreSQL, Better Auth, Playwright.

GPTflare / Platform Control Plane

Cloudflare Worker platform for AI-generated static sites backed by GitHub and Cloudflare. Handles draft approval, tenant site provisioning, Astro + Keystatic templates, D1 records, Workers Builds, preview approvals, custom domains, and GPT bootstrap/configuration.

Tech: Cloudflare Workers, D1, KV, GitHub APIs, Astro, Keystatic, Wrangler, TypeScript.

TAPU Rental Management

Rental/asset management product with iOS app and Convex backend. Includes real-time data flows, marketplace/service provider features, process actions and approval workflows, agent messaging, push notifications, and WhatsApp integration work.

Tech: SwiftUI, Convex, Convex Swift SDK, Better Auth, AI SDK, OpenAI, TypeScript.

Uygulamali Felsefe Publishing Platform

Multilingual publishing and catalog site for Uygulamali Felsefe Dernegi with Keystatic editorial workflows, Astro content models, PDF download handling, locale routing, GitHub-backed editing, and Cloudflare SSR deployment.

Tech: Astro, MDX, Keystatic, Cloudflare Pages/Workers, GitHub App auth.

DeepTurkishNews3

AI-assisted Turkish news platform with site, dashboard, Convex backend, broadcasting/studio components, Cloudflare deployment, and content publishing workflows.

Tech: Astro, Convex, TypeScript, Cloudflare, FFmpeg/WebSocket streaming infrastructure.

Liquivelte v4

Compiler experiment that coordinates Shopify Liquid SSR with Svelte hydration for `.liquivelte` files. Includes tokenizer/parser/scope/expression modules, runtime helpers, Vite plugin, and contract tests.

Tech: TypeScript, Svelte, Vite, Vitest, Liquid.

Puppeteer GPU Tester

Diagnostic web tool for testing Chrome/Puppeteer GPU and WebGL configurations across local and Docker environments. Generates FPS/frame timing data, screenshots, and HTML/JSON reports.

Tech: TypeScript, Puppeteer, Docker, WebGL, Chrome.

Open Source / GitHub

- 176 GitHub repositories, 1,349 contributions in the last year, and active work across public and private repositories.
- Public work includes Convexer, claude-workspace, puppeteer-gpu-tester, SC2ModelExtraction, google-jules-chat-todo-bridge, semantic-router, malipetek.github.io, Liquivelte-related tooling, and Shopify/Cloudflare templates.
- Organizations include Uygulamali-Felsefe-Dernegi, GPTflare-Sites, ItaliaSAT, Liquivelte, and AppHouseKitchen.

Technical Stack

Languages: TypeScript, JavaScript, Swift, Python, Liquid, HTML/CSS, SQL
Frontend: Svelte, SvelteKit, Astro, React, Vue, Vite, Tailwind-style systems, Keystatic

Backend: Node.js, Convex, Express, Firebase, REST APIs, webhooks, Better Auth, AI SDK

Cloud/Infra: Cloudflare Workers, Pages, D1, KV, Workers Builds, Wrangler, Docker, Traefik, GitHub Actions, Linux VPS

Data: PostgreSQL, SQLite, MongoDB, Firestore, D1

AI/Product: OpenAI, agent workflows, AI-assisted content tools, chatbot flows, prompt/product prototyping

Mobile: SwiftUI, Convex Swift SDK, iOS automation, push notifications

E-Commerce: Shopify Plus, Shopify Apps, Liquid, Polaris, Lightspeed, Magento 2, WooCommerce, BigCommerce