Daniel Arnaut

Automation and Data Pipeline Developer

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I build automation: data pipelines, bots, web services and the apps around them. Built alone: a pipeline that turns posts from several sources into one record format and feeds two apps, and a public service for streamers with Discord and Twitch bots.

PROJECTS

Market Event Pipeline Personal project — Python, SQLite, Cloudflare Workers

- Checks several sources every minute, stores every version of a post, sorts posts into classes and brings each into one record format that feeds a Windows desktop app and a Telegram Mini App.
- Two models from different providers read each post independently and plain code checks that they agree; a mismatch waits for a person. I labelled the evaluation set by hand.

Trading Rules Engine Personal project — Python · same repository, 3,500+ commits

- Turns a record into a sized order: the loss at the stop is fixed first and the size follows from it. A candidate rule is written before the data is opened, then tested on a sealed period against random entries.
- Money logic ships after tests, mutation tests, a replay against a known run and a separate reviewer model. 196 logged installs, each read back.

XARO Nexus, a stream toolkit for League of Legends Live · public · free — nexus.xaro.workers.dev

- Stream scenes, a rank card that updates itself, chat and music on screen, alerts, a Discord bot and a Twitch bot. About two dozen people have used it. TypeScript on Cloudflare Workers with D1, KV and Durable Objects.
- My first versions made hundreds of small calls and hit platform limits; I rebuilt them around one request.

Restaurant website with an owner editor Deployed prototype — Cloudflare Workers, KV

Norwegian and English. The owner edits text, hours and notices from a protected admin page; every publish is saved as a version and can be restored.

Offline dictionary apps for Android Personal · in daily use — React Native, Expo, SQLite FTS5, Supabase

A Mandarin study dictionary and an English, Chinese and Russian one. Offline search forgives typos; a Kotlin module translates text inside a messenger.

Windows automation utility Built exe — Python, CustomTkinter

Records desktop actions and replays them on a hotkey; ships as an exe with tests. A few small paid jobs like it.

WORK EXPERIENCE

Sushi chef, restaurant in Lillehammer — Jun 2024 – present

Permanent part-time contract (50%). The weekend rush, the till, deliveries, training new staff.

Crew member, McDonald's Strandtorget, Lillehammer — Jun – Oct 2023 · Sep 2024 – early 2025

Kitchen, till, drive-through, dining area. Written reference available.

EDUCATION

Lillehammer videregående skole, kombinasjonsklasse (Norwegian and school subjects) — 2023 – 2024

Full secondary education, Izmail, Ukraine. Computer science grade: 11 out of 12 — 2023

SKILLS, LANGUAGES, INTERESTS

I build	Bots for Discord, Twitch, Telegram and other messengers · data pipelines and automation · web services and APIs · desktop, mobile and web apps · AI extraction, classification and evaluation
Tools	Python, TypeScript, SQL, Cloudflare Workers, React Native, Supabase, Kotlin, Git, Claude Code, Codex. With AI coding tools I pick up a new stack as the task needs it.
Languages	English fluent, self-taught in four years · Ukrainian and Russian native · Norwegian good, used at work daily · Mandarin learning
Interests	Economics and markets, languages, psychology. Challenger in League of Legends, the top tier.

Authorised to work in Norway · References on request