Ivan Tuhai

Founder & CTO of Pyrlyn · Senior Frontend Developer at KSF Technologies AG · Ukraine

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SUMMARY

Engineer building software since 2009: went from full-stack developer to frontend tech lead, and now I build my own products.

Led frontend twice as Technical Lead: redesigned project architecture, launched new projects and mentored the team.

Senior Frontend Developer at KSF Technologies AG since 2022. Since September 2026, founder & CTO of Pyrlyn: tools for developers, starting with AI.

EXPERIENCE

Founder & CTO, Pyrlyn Sep 2026 – present · Europe

- Founded a developer-tools company; own its technology and technical strategy.
- Building ketch, which installs CLI tools from GitHub releases with checksum verification, and rtok, which cuts the context AI agents carry and measures every reduction.
- Leading development of runa (a local-first AI runner) and cox (a terminal coding agent).
- All four are in active development, with no stable release yet.

Senior Frontend Developer, KSF Technologies AG Feb 2022 – present · Kyiv

- Took projects from first mockups to production and supported them after release.
- Owned the visual layer and UX of the interfaces, from prototype to final polish.
- Worked closely with product and design, from problem framing to launch.

Front-End Developer, Rocket Nov 2020 – Jan 2022

- Shipped features to production as part of a product team.
- Turned design mockups into working interfaces, down to the details.

Front-End Technical Lead, KITCODE Apr 2019 – Nov 2020

- Designed frontend architecture for new and existing projects.
- Ran projects through the full cycle, from launch to maintenance.
- Mentored the team's developers.

Senior Frontend Developer → Front-End Technical Lead, PrivateDev Aug 2017 – Apr 2019

- Grew from senior developer to tech lead within a year.
- Redesigned the main project's architecture and mentored colleagues.

Senior JavaScript Developer, Logic IT Solutions (LITS) May 2016 – Aug 2017 · Kyiv

- Built the frontend for several client projects.

Senior JavaScript Developer, Mush May 2016 – Apr 2017

- Built a hybrid mobile app.

Full-stack Developer, 111PIX UA Nov 2015 – May 2016 · Kyiv

- Developed and maintained Battlecam (battlecam.com).

Earlier roles

2009 – 2015

- Middle PHP Developer, Silença Tech (2015)
- Middle PHP Developer, SuperDeal.ua / Pokupon.ua (2015)
- Software Engineer, N1 Financial Company (2014 – 2015)
- PHP/JS Developer, Skiliks (2012 – 2014)
- PHP Developer, TizerClick (2011 – 2012)
- Full Stack Engineer, Freelance (2009 – 2011)

PROJECTS

All are in active development (stator is research), and none has a stable release yet.

ketch in development github.com/pyrlyn/ketch

A single-binary package manager: installs CLI tools and apps straight from GitHub releases on macOS, Linux and Windows — no formulae or taps, checked against the published checksum.

rtok in development github.com/pyrlyn/rtok

Reduces the context AI coding agents carry: Claude Code hooks, an MCP server and an API proxy in one binary. Every reduction is measured and retrievable by id.

runa in development github.com/pyrlyn/runa

A local-first AI runner: checks whether a GGUF model fits your machine before you download it, runs it via llama.cpp or calls OpenAI and Anthropic. OpenAI-compatible serve.

cox in development github.com/pyrlyn/cox

A modular terminal coding agent with a safe, event-driven core: TUI, headless mode, editor integration via ACP and MCP.

- **stator** (research): An ahead-of-time compiler from TypeScript and JavaScript to native binaries. A research compiler.
- **slint_dart** (in development): Slint for Flutter: typed Dart codegen from .slint files, interpreter and AOT backends over Rust FFI, headless and Patrol testing.
- **bindsmith** (in development): One bindsmith.yaml — Dart bindings for native APIs on all six Flutter platforms.
- **ketch-registry** (in development): The default package registry for ketch: one folder per package.
- **brand** (in development): Brand system: design tokens, CSS, components, logos and icons.
- **cross-code** (in development): Code and utilities for cross-platform development: NativeScript, React Native, Ionic and more.