

Alex Lunin

Senior Full-Stack Engineer · TypeScript · React
· React Native · Node.js · Go · PostgreSQL



16+ years shipping production software. Open to **long-term remote contracts** and **full-time remote roles**. I reply within 24 hours.

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GitHub: github.com/lunindev Website: lunin.dev Product: atlano.app
Location: Remote · flexible across time zones (8+ years with Swiss/German/US teams)

SUMMARY

Senior full-stack engineer with **16+ years of commercial experience** shipping production systems in **TypeScript, React, React Native, Node.js and Go**. Spent **6.5 years at Vereign (Switzerland)** building a Zero-Trust authentic-communication platform: owned the mobile side end-to-end (**App Store and Google Play** releases), built a self-sovereign-identity wallet UI on **Credo-TS**, and an Outlook plugin distributed via **Microsoft AppSource**. Open-source contributor to **Credo-TS** (OpenWallet Foundation).

Most recently designed, built and shipped **Atlano solo** — an offline-first habits, goals and life-balance app spanning three codebases (mobile, web, API) plus database, billing and ops. I work AI-accelerated (agentic coding in the IDE), with every architectural call and every shipped line still mine to defend — the same review discipline that kept 80%+ test coverage on production codebases long before AI tooling existed.

CORE STACK

Primary: TypeScript · React · Next.js · Astro · Node.js · Hono · React Native (Expo) · PostgreSQL
Comfortable: Go · Docker · Kubernetes · Ansible · GitLab CI · REST/gRPC · WebSockets · OAuth/OIDC · IPFS · Credo-TS / Aries (SSI)
Earlier production: C# · Java · PHP · Ruby on Rails · AngularJS · MSSQL · MongoDB · Redis · RabbitMQ
AI workflow: agentic coding in-IDE (Zencoder, Cursor) · LLMs for architecture & research — with manual review of everything that ships

EXPERIENCE

Independent — Founder & Product Engineer

Apr 2025 — present · Remote

Designed, built and shipped Atlano solo, end-to-end — product, design and all three codebases, plus database, billing and operations.

- **Atlano** — offline-first habits / goals / life-balance / journaling app, shipped to **v2.8.1** (closed beta) with working **2FA** and **multi-currency billing**. React Native + Expo app with a local SQLite mirror, web app, and a Hono / Postgres API sharing one typed core (monorepo: 3 apps + 1 shared package, typed end-to-end from DB to UI).
- The hard parts: **state-based delta sync** with a per-user monotonic revision watermark (replaced an unbounded append-only changelog), soft-delete **tombstone propagation**, and whole-row version-based **optimistic-concurrency conflict resolution**.
- Shipped ~20 smaller products end-to-end (web apps, Telegram services) — architecture and review always my own; AI tooling used to compress build time, not judgment.
- **Millionaire Habits** — hand-curated dataset of 250 billionaires; multi-model LLM analysis of common behavioral patterns, published as a public site.

Vereign AG — Senior Full-Stack Engineer

Oct 2018 — Apr 2025 · Switzerland · Remote · ~6.5 years

Owned the mobile side of a Zero-Trust authentic-communication platform end-to-end. Vereign builds cryptographically verifiable email, identity and a user-controlled data wallet.

- **Cross-platform mobile apps** (React Native + Expo) — owned end-to-end, released to **Apple App Store** and **Google Play**.
- **Personal Data Wallet on Credo-TS** (OpenWallet Foundation) — UI and integrations for self-sovereign identity, verifiable credentials and end-user-controlled storage.
- **Corporate Outlook plugin** distributed via **Microsoft AppSource**, plus a matching Chrome extension — built and maintained UI and integration layers.
- **Swiss healthcare Zero-Trust project** — frontend and integration work on a system with IPFS-backed distributed storage, self-signed-certificate identity, and a custom cryptographic key layer extending Credo-TS.
- **Frontend of the verifiable-email platform** — dashboards, UI features, integrations with the Go backend.
- **Open source:** contributed fixes upstream to **Credo-TS**, the SSI framework underlying the wallet.

Mobilabsolutions — Frontend Developer

Mar 2017 — May 2018 · Köln, Germany · Remote · ~1 year

Kept a complex production frontend at 80%+ test coverage.

- Built the React frontend of a complex web application against a Python micro-service backend.

Mozio — Frontend Developer

Mar 2016 — Mar 2017 · San Francisco, USA · Remote · ~1 year

Led a live AngularJS 1.x → React migration with zero downtime.

- Migrated page-by-page in production with both stacks running side by side; built new React components and post-migration features.

SimbirSoft — Software Engineer

Dec 2010 — Dec 2015 · Ulyanovsk, Russia · 5 years

Junior to senior in 3 years, across 30+ projects.

- Very different stacks: frontend (JS, AngularJS), backend (C#, Java, PHP, Ruby on Rails), desktop, high-load systems, multiple SQL/NoSQL databases.
- **Frequently rotated onto troubled projects** as the engineer who could ramp on an unfamiliar stack within weeks and stabilize delivery.

OPEN SOURCE

- **Credo-TS** (OpenWallet Foundation) — contributed fixes to the self-sovereign-identity TypeScript framework underlying Vereign's data wallet.

EDUCATION & LANGUAGES

- **Education:** Power Engineering, Ulyanovsk State Technical University. Software engineering self-taught — entered the industry through SimbirSoft's internal training and on-the-job mentorship.
- **Languages:** Russian (native) · English (professional working proficiency — 10+ years of remote work with US, EU and Swiss teams).