



Nikita Gurbatov

Founding Product Engineer

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[GitHub](#)

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PROFILE

Full-stack product engineer with **four years in early-stage startups**. I join before the product exists and **own it end to end**: the interface, the API and data model underneath it, and the pipeline that ships it. **Apple Developer Academy** graduate; I build for **web, iOS and Android**.

EXPERIENCE



Beyla

2026 – Present

Founding Product Engineer · Remote

Joined **pre-product as the founding engineer** and owner of **every customer-facing surface** in a seven-service monorepo: the marketing site, the agent product and the internal admin.

- Built the **streaming AI chat client** on Next.js 16, React 19 and the Vercel AI SDK: an SSE wire contract agreed with the Python backend, nested sub-agent tool calls rendered live alongside text, and **streams that resume across navigation and reconnects**.
- Designed the **artifact panel** and its **Zod-typed tool, agent and artifact registries**: interactive charts, spreadsheets, PDF previews and validated file uploads with expiring, allow-listed download URLs.
- Integrated **real-time video avatars** (Tavus, Daily, ElevenLabs) as a six-persona “Digital C-Suite” with live transcripts, and shipped a **public demo on the landing page** with abuse caps and signed session teardown.
- Implemented **WorkOS SSO with multi-organisation switching**, server-side route guards, host-based routing between the marketing and app domains, and Redis rate limiting.
- Shipped an **in-house CMS** behind Microsoft Entra SSO so marketing publishes without engineering, and took the site to **100 on Lighthouse** accessibility and best practices.
- Set the **front-end quality bar from zero**: strict TypeScript, per-directory coverage thresholds across **150+ test files**, and a hermetic Playwright suite with scripted LLM seams. **78 merged PRs in the first five months**.



Adelaide Metrics · acquired from Rita Data

2025 – 2026

Full-stack Engineer & Product Owner · Remote

Joined through Adelaide’s acquire of Rita Data. **Product owner** for the **mobile app (200K users)**, the web app and the browser extension.

- Owned the **roadmap across all three products**, turning stakeholder requirements into prioritised work and running user-testing sessions to validate designs.
- Built the **web version of the mobile app from scratch** in Next.js, extended the Lambda functions to serve it, and revived the Chrome extension with a new UI and SSO.
- Consolidated Google, Apple and email sign-in into a **single SSO Lambda**, removing friction from onboarding on every platform.
- Maintained the React Native app for iOS and Android, added Jest and React Native Testing Library coverage, and **fixed the Fastlane pipeline** to speed up releases.
- Redesigned the UI** against Apple’s Human Interface Guidelines, improving accessibility on mobile and web.



PayDai

2025

Front-end Developer & UI/UX Designer, Contract · Remote

- Designed and built a **TypeScript component library from scratch** as the design system for a sales-commission platform.
- Led a **full UI/UX redesign** of the web app for sales teams managing instant commission payouts and leaderboards.



SocialPro

2025

Full-stack Engineer, Contract · Remote

- Brought in by referral; set up the **CI/CD pipeline from scratch**, where none existed.
- Restructured the database** to remove redundancy and improve data integrity, and refactored the Next.js codebase.
- Introduced **sprint cycles in Linear** and the project-management habits around them.



Full-stack Engineer & Blockchain Lead · Remote

Founding developer pre-investment; helped grow the company to **13 people** and **led a development team of three**.

- Built a **fully on-chain property tokenisation platform** on Polygon, **from concept to production**, in Solidity, TypeScript and Next.js.
- Helped develop **EIP-7878**, a new standard for bequeathable tokens that can be inherited after the owner's death, and implemented its executor and inheritor logic.
- Wrote the **core smart contracts**: an ERC-721 property contract with inheritance and KYC checks, an investor registry that gates who can hold or trade, and a yield-sharing payment splitter based on supply snapshots.
- Built **real-time event indexing** on MySQL with caching, and **owned security** from code review to deployment as the go-to for smart-contract audits.
- Worked with **legal and compliance teams** to get the platform ready for go-live.

SELECTED PROJECTS

Confexio

Under offer · 2026

A native event app for teams that run events: tickets, comms and check-in in one place.

AppStoreOptimization.ai

Sunset · 2025

Keyword research, rank tracking and App Store analytics for indie iOS developers.

SubliminalMe

Sunset · 2024

A native iOS app for listening to AI-written affirmations in your own voice, under music.

EDUCATION



Apple Developer Academy, Naples

2023 – 2024

App design, development and entrepreneurship

- **Led a team of four engineers** and one non-technical teammate, and ran Fastlane integration and the team's workflow.
- Our app was selected as one of the academy's **top five iOS apps**, presented to an audience of **300+**.



King's College London

2019 – 2023

BA Management & Spanish



City of London School

2013 – 2018

A-Levels: A*AA

RECOGNITION

Kickstart Global FU24 Fellowship

2024

Selected as **one of 40 founders under 24** in the UK by the UK's first cross-university incubator.

SKILLS

Web	TypeScript · React · Next.js · Node.js · Tailwind · shadcn/ui
Mobile	SwiftUI · React Native · Expo · Fastlane · XCTest
Backend	Postgres · Supabase · Firebase · AWS Lambda · GCP · REST
AI	Vercel AI SDK · Tool calling · MCP · OpenAI · Anthropic
Blockchain	Solidity · Hardhat · Ethers · TypeChain
Quality	Vitest · Jest · Playwright · GitHub Actions · Sentry
Languages	English (native) · Russian (native) · Spanish (intermediate)
Interests	Chess · Tennis