ANDREY MARKIN

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SUMMARY

Full-stack engineer with 6+ years shipping AI-powered web products end to end — TypeScript, Next.js, Node and PostgreSQL with LLM pipelines running in production. Took two platforms from zero to launch: a three-sided marketplace now at 15K MAU, and an AI event-marketing product that generated 30K+ leads for its client. Currently also advises engineering teams on agentic coding and AI evaluation. Owns architecture, delivery and production operations.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL

Frontend: Next.js, React, React Native / Expo, Tailwind CSS, shadcn/ui, SSR / SSG / islands, CDN delivery

Backend: Node.js, Bun, Effect.ts (layered DI, typed errors), REST, RPC (tRPC, oRPC, Effect RPC), Drizzle, Prisma, Turborepo, RBAC

Data: PostgreSQL, SQLite, Redis, ClickHouse, Qdrant (vector search), data mining and ETL pipelines

AI: Harness engineering, OpenAI, Anthropic / Claude, Gemini, Vercel AI SDK, RAG and retrieve-and-rerank, autonomous agents, tool calling, context engineering, evaluation and classification systems, LLM observability (Langfuse), MCP, Claude Code / Cursor / Codex

Infrastructure: Docker, bare metal, AWS, GCP, Vercel, Cloudflare, GitHub Actions, CI/CD, monitoring and alerting, Stripe & Stripe Connect

EXPERIENCE

AI Engineering Consultant Apr 2026 – Present
Mark Life Ltd · Own consultancy *Sofia, Bulgaria*

- Advised **Dashly**, an analytics platform processing **millions of events monthly**, on an **AI evaluation system** that scores support and sales chatbot traces across dev, preview and production — catching quality regressions before release and cutting manual trace review **70%**.
- Consulted **5+ engineering teams** on **agentic coding** with Claude Code and Cursor: automated PR review, parallel dev streams, prototyping, CI conventions, agent rules and TDD practice — raising developer productivity **25%** on average.
- Built a full **software factory in 30 hours** — Claude and Codex agents with self-improving loops, observability, and usage and infrastructure management — taking a prototype from brief to deployed in **hours instead of days**.

Lead Full-Stack Engineer Oct 2024 – Jul 2026
Outrizz AI *New York City, US*

- Led development and launch of an **AI event-marketing platform** (web and mobile): **5 campaigns**, **30K+ leads** and **25K+ monthly interactions**.
- Increased targetable leads **35%** and conversion **15%** by building AI pipelines (data mining, LinkedIn scraping, semantic search) and **autonomous copilot agents** with context management, tool calling and human-behaviour browser automation.
- Cut outreach costs **15%** through **evaluation and classification systems** in the lead pipeline, ICP matching, and optimised AI-agent spend across operations.

Lead Full-Stack Engineer Feb 2025 – May 2026
PickArt · Part-time *Zurich, Switzerland*

- Launched a **three-sided marketplace from scratch in 2 months**; now at **15K MAU**, **100K+ monthly events** and **200+ artworks** from dozens of artists across 2 legal entities.
- Built the production backend on **Effect.ts** (layered DI, typed errors) and **PostgreSQL**, including AI pipelines that match artworks to properties.
- Shipped multi-entity payments on **Stripe Connect**, splitting revenue between artists, hosts and the platform.
- Delivered platform monitoring, RBAC and a responsive **SSR / SSG / islands / CDN** frontend, and laid the codebase out so coding agents could work in it safely.

Full-Stack Engineer Jul 2023 – Nov 2024
Better Call Paul *Sofia, Bulgaria*

- Built a **B2B SaaS tools aggregator** with Next.js, TypeScript, React and PostgreSQL: routes and sitemaps generated from the database, static rendering with incremental regeneration, and layered caching in front of PostgreSQL.
- Built **AI agent pipelines**, API data bots and Python backend services, and designed the databases behind product features and AI workflows — including semantic search on **pgvector** and an agent that answers catalogue questions through SQL tool calling.

Earlier: Internal Tools Developer, Helping to Leave (2022–2023) — built the internal product suite for finance, payroll, grants and aid evaluation, handling **€1M+** a year · Web Developer, Children Must Live (2021–2022) · Database Integrator, Ozma (2020–2021)

OPEN SOURCE & PRODUCTS

Telegram Claude + Codex: Run coding agents on your server from your phone. | *TypeScript, Bun, grammy, Claude, OpenAI, Groq*

Recruit AI: Jobs find candidates. Candidates find jobs. One score, both ways. | *Next.js, TypeScript, Effect.ts, Vercel AI SDK, Google Gemini, Drizzle*

Personal AI Assistant: A context-aware assistant in Telegram, Slack or Discord that knows your business and runs on your own server. | *AI Assistant, Self-hosted, Integrations*

EDUCATION

Northeastern University Boston, MA, USA
Business Administration & Management *2019*