Max Barinov

Founding Engineer | Full-Stack & Applied AI

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Summary

Full-stack engineer and technical lead with experience at YC-backed startups and as a founder. Built fintech products and production AI systems for healthcare. Led engineering teams, hired and mentored developers, and introduced AI-first development practices.

Skills

Languages: TypeScript, JavaScript, Python
AI / LLM: LangGraph, OpenAI APIs, multi-agent systems, Voice AI, Retrieval-Augmented Generation (RAG)
Backend / APIs: Node.js, NestJS, GraphQL, API design, microservices, Kafka, PostgreSQL, MongoDB, Redis
Frontend / Testing: React, Next.js, React Native, Playwright
Cloud / DevOps: Azure (AKS), GCP, AWS, Kubernetes, Docker, CI/CD

Professional Experience

Adentris (YC X25) Apr 2025 – Present
Founding Engineer
AI platform for healthcare documentation compliance.

- Owned technical direction and the engineering roadmap; shipped a HIPAA-ready MVP in 3 months using multi-agent LLM workflows and Next.js.
- Reduced clinician documentation time by about 80% through automated clinical note generation.
- Operated HIPAA-compliant infrastructure on Azure Kubernetes Service; passed a HIPAA readiness audit on the first attempt.
- Built an AI-first development workflow, including infrastructure, subagents, and agent configurations.
- Open-sourced kipu-mcp, a Model Context Protocol (MCP) integration.

Vocao May 2024 – Apr 2025
Founder & Engineer
Voice AI language-learning app.

- Founded and launched a language-learning app built around real-time voice conversations with AI tutors.
- Built the application using React Native and LangGraph.

Ziina (YC W21) Aug 2023 – Apr 2024
Team Lead / Senior Software Developer
UAE payments fintech; $80M+ raised.

- Re-architected the web platform with Next.js and GraphQL and owned frontend technical direction.
- Built payment links end to end; launched the revamped platform in 4 months, meeting Core Web Vitals targets.
- Added full RTL Arabic support and automated tests with Playwright.

Tulipshare Mar 2021 – Jun 2023
Team Lead / Lead Developer
UK-based fintech investment platform; $10.8M seed round.

- Led React and Next.js development and GCP DevOps; delivered the MVP in under 4 months, including back-office tooling and Android app support.
- Built a Node.js API gateway.
- Led hiring, mentorship, and engineering process improvements.

Earlier Engineering Roles (2012 – 2020): IQ Option, Tellius, JetBrains, LinguaLeo.
Shipped WebRTC features, React UI libraries, analytics interfaces, and an in-house NPS system delivered in 4 weeks.

Selected Project & Achievements

RepoGPT (2024): Open-source AI GitHub agent (280+ stars). github.com/mbarinov/repogpt
Speaker at Tbilisi.js (Voice AI, Jun 2025). Contributed to the Node.js core HTTP module.

Education

B.S. in Computer Science, ITMO University (2009 – 2013)