

Denis Bystuev

AI-First Staff iOS Engineer | Tech Lead | Swift & SwiftUI | Agents |
Docker & CI/CD | Ex-Apple, IBM, Intel, Yandex

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About

- 20+ years in Software Engineering & Tech Leadership.
 - 8+ years focused on Native iOS (Swift, SwiftUI, Combine, Objective-C, XCTest).
 - Claude Opus 5.5 Max, GPT 6 Astra Max, Google Gemini Vertex AI, RAG, custom Python/Node.
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Experience

AI-First Lead iOS Engineer / Tech Lead

flaired | Palo Alto, California, United States (Remote) | Sep 2024 – Present

- B2B SaaS with generative AI for thematic corporate avatars and fashion commerce.
- **AI-assisted Mobile Architecture:** Architected and developed a native AI-driven iOS application (SwiftUI/Combine) with complex backend synchronization.
- **Agentic Workflows:** Designed serverless AI containers (Docker) and multi-agent systems to integrate LLM models into product logic.
- **Automated CI/CD** with Fastlane/Bash pipelines for App Store and TestFlight deployments.
- *Technologies:* Swift, SwiftUI, Combine, Firebase, Python, Docker, LLMs.

Senior iOS Engineer / Mobile Tech Lead

Yandex / Supergenia | Belgrade, Serbia / Tbilisi, Georgia (On-site) | Jan 2023 – Jan 2024

- Directed the full mobile development lifecycle for complex Yandex advertising SDK.
- Optimized mobile SDK performance, profiled memory usage for high-load environments, and implemented decoupled architectures.

Senior iOS Developer

TekWear | Tbilisi, Georgia (Hybrid) | Jun 2022 – Jan 2023

- Developed the AgVoice native iOS application.

- Replaced standard Apple Speech with Cobalt Speech framework.
- Coordinated iOS team workflows and established strict code review processes.

Head of Mobile Engineering / Tech Lead

Concept Group & Get Outfit / St Petersburg City, Russia (On-site) | May 2019 – May 2022

- Bootstrapped an internal recommendation platform ('Netflix for Fashion') from 0 to 100K+ users, leading to successful acquisition.
- **Cross-functional Leadership:** Led native iOS development and managed cross-functional teams (Agile/Scrum).
- **System Design:** Designed the platform's core architecture, unifying native iOS interfaces with a high-load PostgreSQL/PostgREST backend.

Head of iOS Developer Programs (Education)

Apple / Moscow, Russia | Sep 2011 – Jan 2017

- Managed the deployment of Apple infrastructure and iOS development ecosystems across enterprise and educational institutions.
- Scaled the iOS Developer University program across Russia and led a team of certified Apple trainers for the 'App Development with Swift' initiative.

Enterprise Solutions Architect / Technical Lead

IBM & Intel / Swindon, UK / Moscow, Russia (On-site) | Feb 1996 – Sep 2011

- Managed large-scale enterprise IT infrastructure deployments and complex software integrations for public sector ecosystems.
- Collaborated directly with independent software vendors (ISVs) to optimize software architectures and ensure seamless hardware-software alignment for upcoming enterprise platforms.
- *Technologies:* Enterprise Architecture, B2B Integrations, System Optimization, IT Infrastructure.

Education

Lomonosov Moscow State University (MSU)

Masters, Applied Mathematics | 1990 – 1995

- Diploma on inductive automaton: a quasi-biological neural system inspired by L.B. Emelyanov-Yaroslavsky's Intelligent Quasi-Biological System (Inductive Automaton).

Licenses & Certifications

- [App Development with Swift Level 1](#), Apple (Nov 2018)