Arthur Valiullin

Tech Lead / Full-Stack Engineer · 10+ years

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SUMMARY

Engineering lead with 10+ years across mobile and full-stack, currently Tech Lead on an AI product serving **300K+** users and around **2,000** transcribed meetings per day. I lead hands-on: owning architecture and core delivery while growing and guiding the team. Led a company-wide GraphQL migration, extracted services into Kubernetes microservices, set performance standards across a bank division, and hired and mentored engineers. Background spans fintech, trading, crypto and AI products.

CORE SKILLS

Leadership	Team lead and mentoring, hiring and interviewing, architecture ownership, roadmap and delivery
Full-stack	Node.js, NestJS, GraphQL, REST, Kubernetes microservices, MongoDB, PostgreSQL, Docker
Mobile	React Native, Expo, iOS/Android release lifecycle, design systems
Real-time	WebSocket, GraphQL Subscriptions, Relay, WebRTC
Languages	TypeScript, JavaScript, Solidity, Python
Practices	Performance engineering, code review, A/B testing, TDD, CI/CD

EXPERIENCE

Tech Lead, **mymeet.ai** — Aug 2025 – Present

AI meeting assistants (transcription and call-assistant product). Node.js / NestJS, TypeScript, Kubernetes, AI/LLM.

- Tech Lead on an AI meeting-assistant product at scale: **300K+** registered users, **30K** monthly active, and around **2,000** meetings transcribed per day.
- Led extraction of a problematic calendar-sync service from a large monolith into a standalone Kubernetes microservice, owning the core work and delegating secondary tasks across the team.
- Drove a roughly **10x** performance gain through a deep business-logic refactor and improved fault isolation and reliability. The client complaint stream stopped, with no bug reports for several sprints.
- Embedded AI into the daily engineering workflow: AI pre-review on pull requests, refactoring assistants, and an internal knowledge-base and log-analysis bot.
- Built the meeting bots that join calls: browser automation (Puppeteer/Playwright, anti-bot hardening) and the native Zoom Linux SDK, with ffmpeg media pipelines for recordings.
- Built production Python services for the LLM features (integrations, service logic, Redis-backed state) running under real user load.
- Cut Docker build time and bot-container image size by about **7x** with multi-stage builds and layer caching, speeding up CI pipelines.

Lead Mobile / Full-Stack Developer, **YouTalk** — Sep 2022 – Aug 2025

Mental-health marketplace. React Native, React, GraphQL, Node.js / NestJS, Firebase, MongoDB.

- Launched the mobile app from scratch to a **4.9-star** rating and **20K+** monthly active users, owning the full lifecycle through App Store and Google Play releases.
- Led the company-wide migration to GraphQL, including real-time subscriptions, for better efficiency and scalability.
- Designed the architecture for secure client-to-therapist messaging.
- Built a scalable omnichannel real-time notification system that increased engagement.
- Built a shared design system and UI-kit that sped up delivery and unified the brand.
- Ran code reviews, introduced A/B testing for data-driven decisions, and interviewed and hired 2 engineers.

Lead Mobile / Full-Stack Developer, **Crypto Exchange** — Sep 2021 – Aug 2022

Crypto / Web3 trading platform and wallet. React Native, TypeScript, Web3, WebSocket, NestJS, Node.js, Solidity, GraphQL.

- Built the interactive trading-platform UI with real-time WebSocket market data, order flow and charts.
- Improved authentication flows and raised login conversion by **27%** (secure auth, biometrics, Apple Pay).
- Worked with product, UX and engineering teams to turn requirements into goals and tasks, and tracked progress, deadlines and the roadmap.
- Set up a shared UI-kit and unified linting across all frontend projects, and helped hire 5 engineers.

Frontend Developer, **Alfa-Bank** — Feb 2019 – Sep 2021

Top-3 bank (fintech). React, TypeScript, Node.js, Express.js, Micro-frontends, WebSocket.

- Built the frontend of a corporate crediting system for a top-3 bank.
- Set frontend performance best practices across the whole unit.
- Designed an automated system to measure and score frontend performance for the corporate division.
- Applied micro-frontends for scalable modules used by several teams.

EARLIER EXPERIENCE

Sberbank, Frontend Developer (2018 – 2019): internal wiki knowledge base; fixes and improvements in Sberbank Business Online.
DataSunrise, Frontend Developer (2016 – 2018): built the UI for a database firewall from scratch.
Alfa-Script, Full-Stack Developer (2014 – 2016): PHP (Laravel, Kohana) web apps; built a RESTful API for a payment system (B2B integration).

EDUCATION

Kazan Federal University, BSc in Computer Science
2014 – 2019

Certificates: Ethereum/Solidity Bootcamp (2022), Python for Data Science & ML (2022), AWS Essentials (2024)

Languages: English (Full Professional), Russian (Native), Spanish (Elementary)

PROJECTS & PUBLICATIONS

Side projects: SubWise (subwise.org): language learning via in-video subtitle translation. Chrome extension plus iOS/Android, QR browser-to-phone pairing, AI explanations, freemium. **CensorPulse** (App Store): internet-censorship measurement app, Go probe engine packaged as a native binding inside an Expo app. **BitSplit** (iOS & Android, all engineering): arcade game on Expo, Reanimated and React Native Skia, shipped through App Review.

Publications: GraphQL Subscriptions and Relay in practice; WebRTC explained via a messenger; running Xray for anti-censorship networking.