

# Oleksii Berliziev

Senior Full-Stack Engineer · TypeScript · React Native · NestJS · Next.js · GraphQL

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## Professional Summary

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Senior Full-Stack Engineer with 10+ years of experience delivering end-to-end products across the TypeScript ecosystem. Deep expertise in React Native, NestJS, Next.js, and GraphQL (Apollo) — with a strong background in full backend ownership: API design, data modelling, background job processing, and production infrastructure. Strong record of leading architecture decisions and owning large-scale systems end-to-end — solo or at the head of cross-functional teams — across mobile, backend, web, and infrastructure. Treats AI tools (GitHub Copilot, Claude Code) as development partners across pair programming, investigation, and planning.

## Technical Skills

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**Languages:** TypeScript, JavaScript, Kotlin (basic), Swift (basic)

**Mobile:** React Native (iOS & Android), Apollo Client, Redux, Redux-Saga

**Backend:** NestJS, Node.js, Express, Apollo Server, GraphQL, REST APIs, WebSockets

**Frontend:** Next.js, React, Material UI

**Databases:** PostgreSQL, MongoDB, MariaDB, Redis

**ORMs / ODMs:** Prisma, TypeORM, Sequelize, Mongoose, Typegoose

**Testing:** Jest, Detox, Mocha/Chai

**Infrastructure:** Docker, AWS (EC2 + services), DigitalOcean, CircleCI, GitHub Actions, Fastlane

**Tools & Other:** Stripe, Saferpay, MJML, PDFKit, OneSignal, FCM, Git

**AI Tools:** GitHub Copilot, Claude Code

## Experience

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**All Square** · Senior Full-Stack Engineer / Lead

Dec 2022 – Jan 2026

Remote

- **Flagship project** — a large-scale golf tournament platform: joined as founding engineer and architected the platform end-to-end — a high-load, multi-component system spanning: NestJS backend, Next.js web app, a React Native mobile app with separate user and admin modes (admin mode used on-site for ticket scanning during live events), server-side background workers, and a no-code page builder enabling non-technical teams to manage the entire product independently  
Held full responsibility across all layers — backend (NestJS, PostgreSQL/Prisma, Redis/Bull queues), React Native mobile, Next.js frontend, and infrastructure (Docker/DigitalOcean) — leading a team of 5 developers throughout the project's lifecycle; the system has operated reliably across live tournament events during 3 years, handling high-concurrency traffic with thousands of simultaneous users
- Delivered full-stack features for a large-scale golf social network — across web (Next.js) and mobile (React Native) on a mature, established codebase; extended platform capabilities with new product sections including booking and search, complex interactive UI components, backend development for new features, and legacy module refactoring and modernization (Node.js/GraphQL, Apollo, MariaDB/Sequelize, Stripe)
- Led React Native mobile development for a golf-club booking platform with integrated payments; owned mobile architecture, feature delivery, and code review within a cross-functional 8-person team (TypeScript, React Native, REST)
- Led system architecture reviews, defined CI/CD workflows via CircleCI with automated App Store / Google Play releases, and conducted code reviews across cross-functional squads — concurrently delivering across 3 active projects at peak

**Avocado Technology** · Full-Stack Developer / Lead

Sep 2017 – Dec 2022

Kyiv, Ukraine · Remote

- Led, architected, and built a last-message delivery app that automatically sends pre-written personal messages to recipients when the user stops checking in — managed a team of 5, designed the full system architecture across React Native, GraphQL/Apollo, MongoDB, and AWS, drove hands-on development of backend and mobile, and owned all infrastructure and CI/CD automation
- Owned mobile architecture for a Swiss fintech currency-exchange platform; established mobile CI/CD automation across CircleCI and later GitHub Actions

- Sole architect and developer of an on-demand car wash platform — built entirely from scratch with full architecture ownership; designed and shipped React Native mobile app, GraphQL/Apollo backend, React + Material UI web dashboard, MongoDB data layer, and full AWS infrastructure with CircleCI CI/CD
- Developed mobile features for a Calendly-like scheduling app (8-person team) using React Native, GraphQL, Redux-Saga, and MongoDB/Parse SDK; established CI/CD automation and stepped up as team lead mid-project
- Delivered a government-commissioned national e-learning platform for Ukraine (React Native, iOS & Android, Redux-Saga, REST, Fastlane) within an ~6-month window alongside a 7-person team
- Handled smaller engagements between major projects: a home-services marketplace (React Native, GraphQL, Stripe, PostgreSQL) and an event platform (React Native, Apollo, MongoDB)
- Managed AWS infrastructure across multiple concurrent projects; automated App Store and Google Play publishing via Fastlane; led technical interviews, defined code conventions, and delivered pre-sale estimations for new client engagements

**EngagePoint, Inc.** · *Front-End Developer*

Sep 2015 – Jul 2017

*Kyiv, Ukraine*

- Built SPAs with TypeScript, Angular 2+, React/Redux, MobX, and Material UI; implemented complex data visualisations using D3.js and SVG; developed a Chrome extension via the WebExtensions API
- Improved unit test coverage with Jest and Mocha/Chai; conducted code reviews and mentored junior developers

**"Geonix Company" LTD** · *Junior JavaScript Developer*

Apr 2015 – Sep 2015

*Kyiv, Ukraine*

- Built geoinformation web portals using ArcGIS Server services, JavaScript, Dojo, Bootstrap, and jQuery; developed core product features for geospatial data presentation

**Personal Projects**

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**MataPi** — Personal IoT home-security platform running on Raspberry Pi. Evolved through 4 major versions: from basic Google Drive video sync to a full NestJS backend + Telegram bot system supporting RFID, CO2 sensors, YAML configuration, and real-time alerts. Stack: TypeScript, React Native, NestJS, Apollo, Telegram API, GPIO.

**Education**

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**Specialist Degree (equiv. Master's), Computer Science — with Honours**

2013 – 2015

National Technical University of Ukraine "Kyiv Polytechnic Institute" · GPA 4.42 / 5.0

**Bachelor's Degree, Computer Science**

2009 – 2013

National Technical University of Ukraine "Kyiv Polytechnic Institute" · GPA 4.36 / 5.0