

YULIIA STANENKO

FULL STACK DEVELOPER

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<https://github.com/yuliiastanenko> | portfolio: <https://stanenko.vercel.app/>

PROFILE

Full stack developer with 2+ years of hands-on experience building cross-platform mobile and web applications with React Native, TypeScript, and Node.js. Comfortable across the stack: authentication, REST API integration, database design, and production backend logic, with two apps shipped to TestFlight for a Swedish healthtech company. Brings a research background in data-driven modeling and a habit of building complete, well-tested projects end to end. Open to new opportunities and quick to pick up new stacks.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python (basic, data analysis and prototyping)

Frontend: React Native, Next.js, React, Zustand, Tailwind CSS, Recharts, dnd-kit

Backend: Node.js / Express, REST API design, Zod validation

Databases: PostgreSQL (Neon), Prisma ORM, MongoDB, HeidiSQL

Cloud & Tools: AWS S3, Vercel, Railway, Git / GitHub, Figma, ngrok / Cloudflare

Testing & CI/CD: Vitest, GitHub Actions

Languages: English: advanced, Ukrainian: bilingual, Russian: bilingual, Swedish: basic

EDUCATION

Master of Science in specialty "Computer Science" 2024-2025

National Technical University "Kharkiv Polytechnic Institute", Ukraine
Specialization: Mathematical Modeling and Intelligent Computing in Engineering

Bachelor's degree in specialty "Software Development" 2020-2024

Zaporizhzhya National University, Ukraine

FEATURED PROJECTS

ApplyTrack - Job Application Tracker (personal project)

Next.js 16, TypeScript, PostgreSQL, Prisma, Zod, Tailwind CSS, Vitest

- Built a full job-search platform end to end: application tracker with a Kanban board (drag-and-drop, 6 status columns), a timeline of events per application, and follow-up reminders.
- Implemented an auto job-search feed aggregating listings from two external sources (Remotive, Arbeitnow) through a shared adapter interface, with deduplication via composite unique keys.
- Built an email digest system (Resend + Vercel Cron) that matches saved search criteria to new listings and sends daily summaries; logs every send for auditability.
- Cookie-based authentication with bcrypt password hashing, httpOnly/secure/sameSite cookies, and protected routes.
- Covered core logic (validation, deduplication) with Vitest unit tests; GitHub Actions runs lint and tests on every push. Strict TypeScript with zero type errors.
- Live at applytrack-sooty.vercel.app; demo account with seed data available.

GlobePerson & GlobePatient - Cross-Platform Healthtech App

React Native (Expo), TypeScript, Zustand, Node.js/Express, MySQL/MariaDB, AWS S3, Redis, Socket.IO

- Owned the frontend end to end: built every screen and connected the UI to two parallel backend services - an in-house Node.js/Express API and an external Spring Boot (Java) service on Tomcat.
- Implemented authentication and security (JWT, bcrypt, two-factor auth/TOTP, rate limiting, Helmet), plus push notifications end to end (Expo push tokens, Firebase Admin, deep-link navigation).
- Added multi-language support (English, Swedish, Ukrainian) with i18next.
- Built image/document upload flows with files stored in AWS S3 and a MySQL/MariaDB database on AWS; integrated maps, geolocation, QR codes, and real-time updates via Socket.IO, with Redis for caching.
- Managed app state with Zustand and local persistence via AsyncStorage; used ngrok/Cloudflare tunnels to test on physical devices through Expo Go.

Walkey - Dog-Matching & Social Walking App

React Native (Expo Router), TypeScript/Javascript, Zustand, NativeWind, Clerk, Node.js/Express, Neon (serverless Postgres), Firebase (Firestore, Cloud Messaging), Socket.IO, AWS

- Designed and implemented a custom weighted matching algorithm scoring dog compatibility across eight attributes (breed, weight, age, emotional status, activity level, walk experience, vaccination history, tick treatment), with geographic filtering via the Haversine formula.
- Implemented real-time location tracking (expo-location + Socket.IO) so nearby matches update live as users move, with a privacy layer that shares only proximity - never a user's exact home address.
- Set up authentication with Clerk alongside a custom Express/Node.js backend (JWT, rate limiting, input validation).
- Built real-time chat, walk scheduling, friend invites, and vaccination/health-record tracking; added push notifications via Firebase Cloud Messaging.
- Data layer: Neon (Postgres) for structured data, Firebase Firestore for real-time data, AWS for file/image storage;

WORK EXPERIENCE

Full Stack Developer, GlobePerson & GlobePatient, HEdVC (Sweden)

03.2025-03.2026

- Independently designed and built all frontend screens of a cross-platform mobile app and connected them to two parallel backend services.
- Implemented core product features end to end - authentication, notifications, multi-language support, and file uploads.
- Debugged performance and stability issues across devices, testing on physical hardware throughout development.

Accelerator Program Finalist and App Development (Ukraine, Walkey app)

10.2024-07.2025

- Won a accelerator by building Walkey end to end, from concept to a working, deployed product, under tight time constraints.
- Owned system architecture and the matching-algorithm design; chose and integrated the stack (Expo Router, Clerk, Neon, Firebase, Socket.IO); implemented core features - matching, real-time location, chat, and notifications.
- Collaborated on product concept and UX with the team, contributing to the winning solution.

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