

Alexey Bolshov

Frontend / React Native Developer

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Frontend developer focused on React Native with a product mindset. I work across the full cycle: design, UI-kit, architecture, development.

CORE SKILLS

Languages: TypeScript, JavaScript

Familiar with: Kotlin, Go

Frontend: React Native (Expo), React, Redux, Electron

Design: UI/UX, design systems

Other: industrial protocols (Modbus / MQTT / Cyphal)

EXPERIENCE

Microline LLC, Frontend / React Native Developer

2022 – present

Product **ZONT**: heating, automation and smart-home control, **200k+** active devices

Maintaining and evolving ZONT

- Shipped new features and refreshed the product's screens
- Worked with the embedded-hardware ↔ app stack over industrial protocols

ZONTNext: migration to React Native

- **Development.** Full migration of a product with **12 years** of history from Cordova to React Native (Expo) in **~1 year**; **~85%** of the codebase written solo
- **Product.** Repositioned the product from "heating control" into a heating and smart-home platform: designed the "homes" system, laying the architecture for future integrations (Home Assistant, Zigbee)
- **Design.** In **2-3 months** designed the UX from scratch across several iterations and built a full design system (UI-kit), bringing it into code as the app's single visual language
- **Architecture.** Built the app's client architecture; adapted the backend to the new client

Timvex

- IDE (Electron): editor for programmable logic in the FBD language; co-designed the exchange protocol with the hardware team, worked with Modbus and Cyphal
- App (React Native / Expo): real-time monitoring of systems by the logic configured in the IDE

EDUCATION

Bogorodsk Polytechnic College

2019 – 2023 Web and Multimedia Application Developer

- Combined study with related work from the 4th year
- Studied web development in PHP (Yii2)
- 3rd place at the regional stage of WorldSkills Russia (web development)

LANGUAGES

Russian: native, English: B1