

Steppe Coffee — IT Infrastructure

Both application and API are written with TypeScript and communicate over GraphQL. You can find a list of libraries used below. The codebase is hosted on GitHub and GitHub actions are used for continuous deployment of the backend API.

Frontend Application

The frontend is a React Native application, libraries used are:

1. React + React Native
2. Expo with expo-router, expo-image
3. Apollo Client for GraphQL
4. Zustand for state management
5. React Context for context management

Backend API

The backend is hosted using docker and docker compose on the VPS server and coded using node.js with following libraries:

1. Nest.JS – Typescript framework for node.js
2. Postgres – A relative DB for data storage
3. Redis – Cache storage (used for iiko token storage with TTL)
4. Prisma – ORM over Postgres
5. Nest GraphQL – for API protocol communication
6. Integration with iiko – for fetching menu from coffee shop, placing orders and loyalty program

Sensitive info:

Infrastructure

1. PS.kz – Takhmina has access to the cabinet as well. VPS Server:
 - a. IP-address: **185.146.1.51**

- b. IPv6-address: 2a00:5da0:1000:1::30b2**
 - c. Username: ubuntu**
 - d. Password: 6a1pCeej4GPSdpaWXc+/R6k=**
 - e. Use sudo su to get root privileges**
- 2. VPS Hosts multiple apps using docker compose:**
 - a. Steppecoffee.kz website:**
 - i. steppe-admin
 - ii. **Qc8lmslMuB1hNI3(0F**
 - b. Sonder.kz website:**
 - i. sonder-admin
 - ii. lHTkNHpHD8OnAB\$H1V
- 3. Sentry (application logging):**
 - a.
- 4. GitHub:**
 - a. Admin access would be provided to an account upon request
- 5. Apple Developer:**
 - a. TBD
- 6. KazInfoTeh (<https://isms.center/ru/app/auth>):**
 - a. steppecoffee
 - b. 6kjfqjRVk