

# 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. **Qc8ImsIMuB1hNI3(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