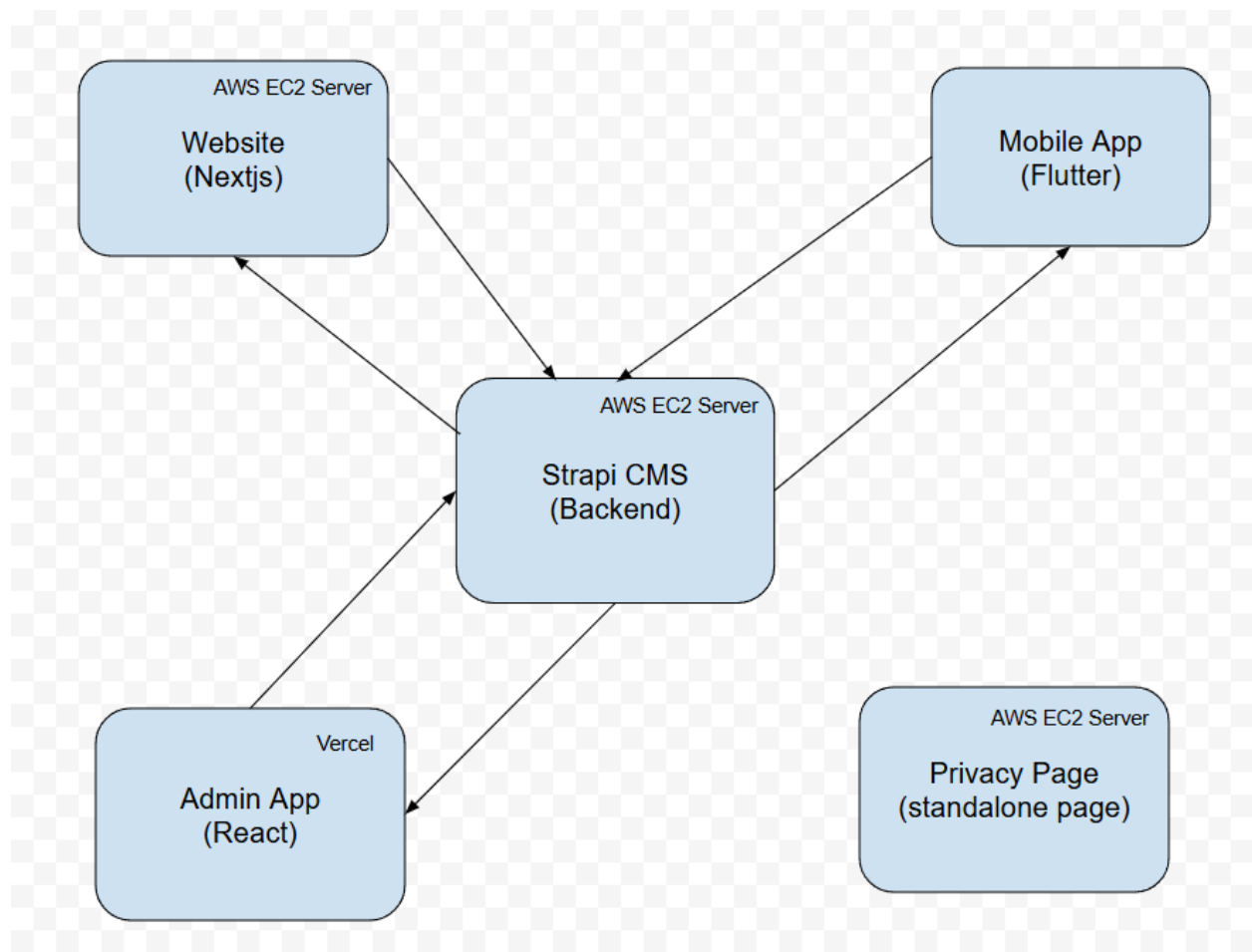The Travelverse CEP is made up of 4 major components as described below :

The **Strapi CMS NodeJS backend** acts the main source and storage of data and provides REST APIs for accessing and writing data to the SQLite database present on the filesystem of the AWS EC2 Server (/home/ubuntu/clone-2/.tmp/data.db).

The static files such as uploaded images and documents are present on the filesystem of the server as well under the directory (/home/ubuntu/clone-2/public/uploads)

The **Travelverse Admin App** is a progressive web app made in React and provides screens for internal use for Travelverse staff to manage users, inquiries, quotations, itineraries and other static content from the website. This is hosted on vercel and starts building as soon as a commit is made to main branch of the repository.

The **Travelverse mobile app** is a cross-platform app built in Flutter and deployed the Google PlayStore and Apple AppStore

The **privacy policy page** is standalone html file to hosted on the EC2 server.

Server Access :
The server can be accessed using the travelverse-ssh.pem file using the following command

ssh -i travelverse-ssh.pem ubuntu@13.235.216.61

The production version of the **Strapi CMS backend** is started using PM2 process manager using the following command

Cd /home/ubuntu
The ecosystem.config.js file present here in the root directory is for the backend application
Pm2 start ecosystem.config.js
Pm2 stop travelverse-cms-2
Pm2 restart travelverse-cms-2

In development mode locally it can be started like any other Nodejs application using the command **npm run develop**

The Strapi CMS currently runs in development mode on the server under a production process manager to support concurrency along with live development meaning changes to data structures can be done directly in the running app. Any changes done the data structures then need to be checked into the repository from the server directly by running
Git add .
Git commit -m "changes"
Git push tv-remote main

Please make sure that the git remote and branch are named correctly as per current configuration.

The website residing under /home/ubuntu/travelverse-website needs to be built again after every git pull by running **npm install ; npm run build**.
Once the build is completed the PM2 process for it needs to be restarted using **pm2 restart travelverse-website** . The **ecosystem.config.js (pm2 config file)** for this resides in this directory itself.

The admin application built in React in connected to Vercel via github integration and will start a build and deployment process as soon as a change is committed to the main branch.

The flutter mobile app can be built using Flutter versions 3.27.0 for both Android and iOS versions.