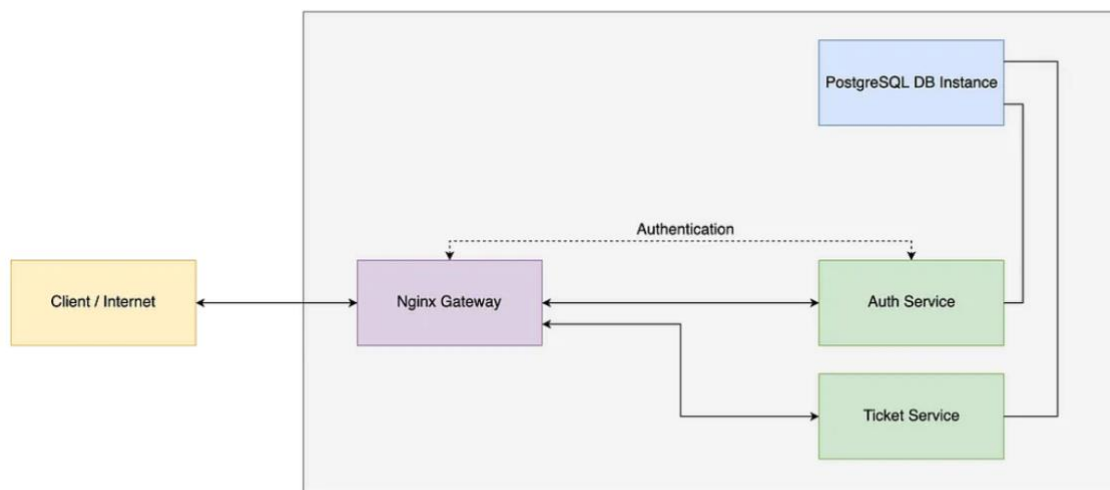


An example of Microservices using a simple Note App

The Note application is a web application that allows you to see your notes and add new ones with the click of a button. The system enables new users to create an account, create new notes, and read his previous ones. The app is protected, and only logged-in customers can access their notes.



Here is also the C4 model for the app. We used NGINX as an API gateway which also ensures that the API is secured. we protect the private locations by first validating that the request has correct Authorization Headers. The Auth and Note Microservices are 2 express js servers. The client is a React application that accesses the API through the nginx proxy. The NGINX gateway could also be relatively easily configured as a load balancer by using the upstream command. It is used to combine a group of servers and it has the load-balancing ability.

