CMPS 350 · Web Development Fundamentals

Tutorial 13 · Magic Auth

Develop an application and secure it with Magic Auth using GitHub as provider.

1. Create a new Next application using: `npx create-next-app@latest .`

2. Register and create a Magic Auth application at https://magic.link:

    2.1. Install the Magic SDK packages and use them on the client and server side, respectively: `npm install magic-sdk @magic-sdk/admin`.

    2.2. Store the publishable key as an environment variable, accessible on the client side, `NEXT_PUBLIC_MAGIC_KEY`.

    2.3. Store the secret key as an environment variable, accessible only on the server side, `MAGIC_SECRET_KEY`.

    2.4. Store the secret key in `.env.local` instead of `.env`.

3. Create a component that allows the user to login and logout using Magic Auth's email one-time password:

    3.1. Use the token, after storing it in a cookie, to authenticate and identify the users.

4. Add GitHub as a provider and update the page/schema/endpoints to display a user's name and picture after authenticating.