

Programing Black Learning Log

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PSearch is a fully secure full stack web application with a modern, responsive UI. It is written in typescript using NextJS, NextUI, Aceternity.ui, NextAuth, Prisma and PostgreSQL. We're also using TailwindCSS to get fine-grained control over our components.

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I spent some time playing around with NextAuth, setting up a single-sign-on application in NextJS. I was able to get SSO working with multiple account types, but it only operated server-side.

To get a full-stack example working, I did some research and found T3, which creates a full stack project template using the technologies listed above (if you configure it to use those).

With a full-stack template working, I was able to get Google and Discord SSO working. For our project, we wanted to use Strava to login. Unfortunately, Strava's authentication provider gives an athlete field in the Account table. I had to learn about Prisma and its schema language to allow the database to optionally store an athlete (since the other providers don't give this).

To make the UI appealing, I figured out how to integrate NextUI and Aceternity.ui into the project. This involved setting up some custom providers, refactoring the directory structure and playing with the TailwindCSS configuration.