

NUVAI INTERNSHIP - WEEK 1

My git link: <https://github.com/akashssc/intern.git>

MODULE - Login/Signup UI

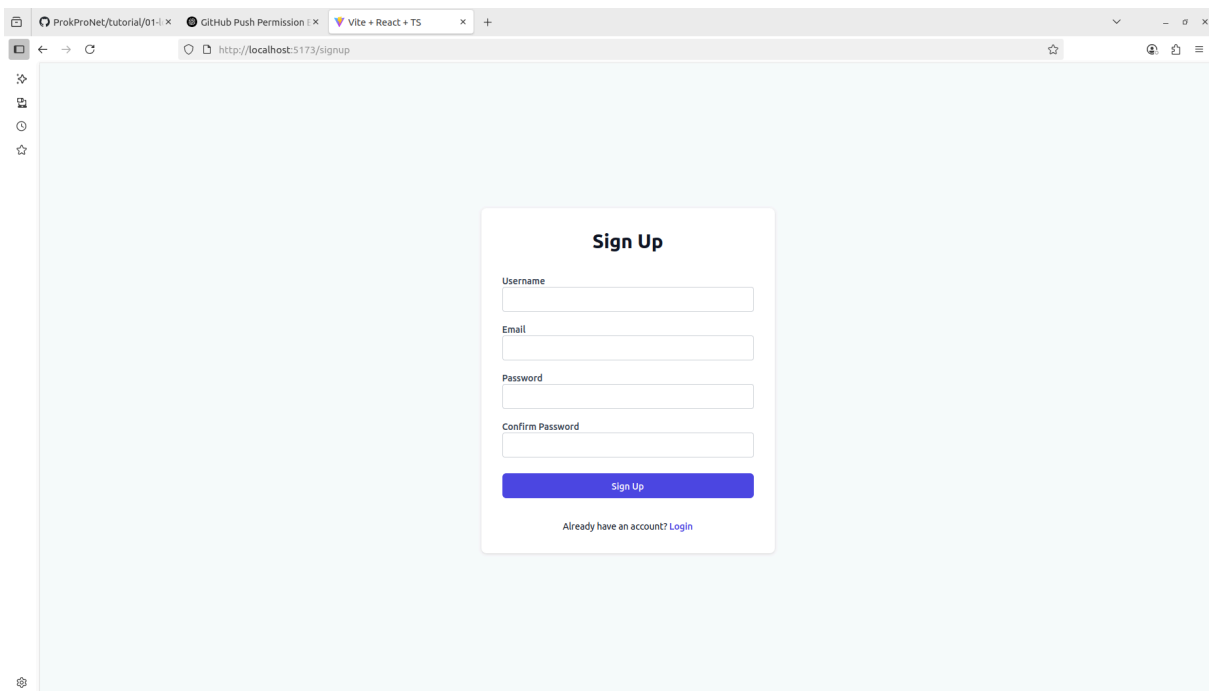
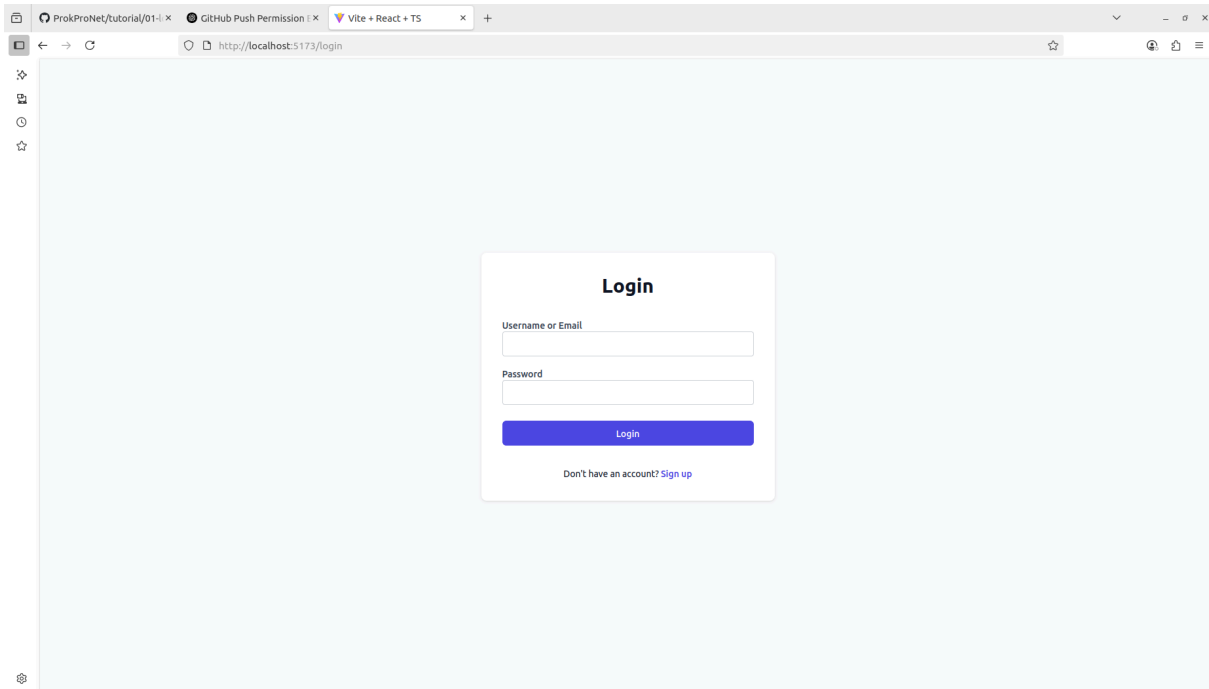
Module overview:

This module is about creating a responsive login and signup forms with the help of AI tool like cursor AI.

Learning Process:

1. I forked the original project and also stored(clone) it locally, then created a new branch to work with.
2. Then, I installed the dependencies for frontend and backend like python virtual environment, flask, etc.
3. Then I prompted the Login and Signup page to the Cursor AI and it generated the pages for me.
4. I ran the application successfully (screenshots are attached).
5. Then I pushed it to my GitHub account (repository).
6. Overall, I learned using Ubuntu (I knew basic commands but here I learned more advanced commands), Git functions and Cursor AI.

Screenshots:



MODULE - Backend Authentication

Module overview:

Module 1 was about developing the frontend and integrating it with the Flask backend. Then, in this module, connecting the backend to a MySQL database for data storage and used Postman to test and verify the API endpoints.

Learning Process:

1. I created a new branch to work with.
2. Then, I downloaded and installed MySQL server, MySQL Workbench and Postman.
3. I setted up the database and started the server.
4. I prompted the Cursor AI to develop code for validating username, email uniqueness and implement password complexity requirements.
5. Then I prompted the Cursor AI for API Implementation for authentication endpoints (Login and Signup Endpoints), also security features.
6. Tested the API with postman and connected the backend with the help of the AI.
7. I ran the application successfully but I am facing difficulties while pushing it to my GitHub.

Conclusion:

I completed the module 1 and also pushed it to the Git, completed module 2 but facing some errors while pushing.