

Final Self-Assessment: Twisha Anshu  
Spring 2023

I was recruited to join the team as a Data Analyst expert and was entrusted with the responsibility of designing the primary User Dashboard module. My key responsibility was to create an engaging landing page that would be the first point of contact for users after logging in. This page had to present an aesthetically appealing and easily understandable graphical representation of Sleep Analytics, Exercise Analytics, and Food Analytics.

Initially, the project was envisioned as a highly machine learning and data-driven effort. However, after due deliberation, the team collectively decided to shift focus toward a user-specific recommendation algorithm that would suggest exercises and nutritional items based on the user's preferences.

As we moved into development sprints, the scope of the project underwent significant changes, and I had to contribute extensively to the UI and functionality of the dashboard. My role extended to the development of the Right Panel, a feature that was consistent throughout all other pages, and included an integrated recommendation system and calendar.

I recall that the initial assessment of my skills revealed that I had limited database knowledge, primarily in Azure and SQL. Therefore, I spent a significant amount of time watching tutorial videos, especially for Mongo DB, and browsing through technical documentation. While following the step-by-step instructions, I encountered several roadblocks and often had to troubleshoot extensively to resolve technical bugs. While this was a challenging experience, it enabled me to learn a great deal about troubleshooting and bug-fixing.

During the project, I faced several technical difficulties, mainly while setting up my environment and connecting to the server. These issues persisted throughout the spring semester and had a significant impact on my productivity. Nevertheless, I remained committed to my tasks and was able to overcome these challenges to contribute to the team's overall success.

The most significant obstacles that I faced during the project were learning JavaScript React and website development. This was because I had very sparse UI and front-end

development experience. However, the more I did it, the better I got at it. I am glad, that this project gave me an opportunity to expand my skills and made me a more well-rounded developer. Despite this, I successfully completed my tasks and acquired new skills in these areas, thereby expanding my technical expertise. Overall, the project provided me with a valuable learning opportunity and helped solidify my fundamental skills in database management, website development, and troubleshooting.