

JADA NEEDS A WEBSITE

A HACKATHON SAGA

TEAM

BACKEND AND FRONTEND

- **Michael Carvajal**
- **Jordy Corporan**
- **Sheena Gupta**
- **Tom Leger**
- **Adesh Pawaroo**

MEET JADA

REGISTERED BEHAVIORAL TECHNICIAN & CERTIFIED CHILDCARE NANNY

- **18 years old**
- **Lives in New Jersey**
- **4 years experience in childcare**
- **Recently certified to care for autistic and non-verbal children**
- **Replied to Jordy's ad on Facebook groups for small business owners**



**“MY CLIENTS ALL COME FROM
FACEBOOK, BUT IT IS TOO HARD
TO MANAGE MY CALENDAR IN
MESSENGER!”**

- JADA

JADA NEEDED A WEBSITE THAT WOULD:

- SHOWCASE HER QUALIFICATIONS**
- MANAGE HER CALENDAR**
- LET PARENTS BOOK APPOINTMENTS**

TECH STACK

FLASK

POSTGRESQL

VERCEL

NEXT.JS 14

TAILWINDCSS

TYPESCRIPT

EMAILJS

**“I BET IT WOULD BE FUN TO LEARN
NEXT JS AND TYPESCRIPT AND
THEN TRY TO DEPLOY TO A SERVICE
I’VE NEVER USED BEFORE”**

- SOMEHOW, EVERY SINGLE PERSON ON OUR TEAM

DEMO

CHALLENGES, SUCCESSES, AND OPPORTUNITIES

FINDING A CLIENT

- Longest part of the process
- RECOMMENDATION: FIND A CLIENT EARLY

FIGMA

- Register for an education account to collaborate with a team
- Helps you think about your app in components even before you code

NEXT.JS 14

- Version 14 released October 2023
- Excellent tutorial at nextjs.org/learn
- CHALLENGES: Most documentation online refers to previous versions of the framework and are likely outdated
- OVERALL: Simplified the construction of our frontend by automatically handling routes based on our file structure, significantly reducing the complexity and time involved in setting up and managing navigation in our web application

TYPESCRIPT

- Great for error handling
- We caused a lot of errors without realizing it

TAILWINDCSS

- Great for collaboration
- Glorified inline styling

VERCEL

- Excellent integration with Next JS
- CHALLENGES: Support for Flask is less than a year old
- Caused extreme suffering and PTSD in our backend team

Q & A