Aniket Patidar

**INTERNSHIP JOURNEY AT INEXT ETS**

Duration: February 16, 2024 - May 26, 2024 (3 Months)

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| --- | --- | --- |
| So.no | Project | Technology |
| 1 | GYM Web Site | Next.js and Tailwind CSS |
| 2 | Rest API for Ram ji App | Rest Api work on EJS project of Neeraj |
| 3 | Job Portal web app | MERN Stack |
| 4 | Job Poral App | Rest Native and Rest Api |
| 5 | Ecommerce Backend Submit | Node.js & MongoDB and express |
| 6 | E-commerce Front End | React.js |
| 7 | Butick front end | Next.js |
| 8 | OLA UI | React UI |
| 9 |  |  |
| 10 |  |  |
| 11 |  |  |
| 13 |  |  |
| 14 |  |  |

**PROJECT TITLE: FITNESS ICON - GYM WEBSITE**

Technology: Next.js and [Tailwind CSS](https://tailwindcss.com/" \t "_self)

**UI Design:**

* Explored the fundamentals of creating a user-friendly interface.
* Importance of Color and Font: Recognized the significance of selecting appropriate colors, fonts, and layouts to enhance user experience.
* Collaboration: Engaged with Neeraj for guidance, gaining insights into project development.
* Innovative UI Solutions: Leveraged ChatGPT to design UI components such as sliders, enabling interactive features.

**Challenges Faced:**

* UI Creation: Navigating challenges in crafting an engaging and intuitive UI design.
* Color and Font Selection: Understanding the impact of color schemes and font choices on user perception and interaction.
* Layout Design: Overcoming hurdles in structuring the website layout to optimize user engagement.
* Learning Curve: Grappling with the learning curve associated with Next.js framework.
* This project served as an invaluable learning experience, offering insights into UI/UX design principles, collaboration dynamics, and the utilization of emerging technologies like Next.js.

**Project Title: REST API for Ramji Ke Sanna App**

**Technology**: Node.js and MongoDB and Express.js

**Learnings:**

Code Understanding: Developed proficiency in comprehending and integrating existing codebases provided by the team.

REST API Development: Acquired skills in building RESTful APIs using Node.js.

Error Handling and Debugging: Implemented robust error handling mechanisms and debugging techniques to ensure API reliability and stability.

Testing: Conducted comprehensive testing of the API to validate functionality and identify potential issues.

Communication with Frontend Developers: Enhanced communication abilities by effectively explaining API functionalities and endpoints to frontend developers.

**Challenges Faced:**

Understanding Existing Code: Grappled with deciphering and adapting to the codebase provided by the team.

Error Handling Implementation: Overcame challenges in implementing efficient error handling strategies to maintain API integrity.

Debugging Complexities: Addressed complexities in debugging the codebase and resolving issues effectively.

Time Management: Managed time constraints efficiently, dedicating two days to complete the API development and testing process.

This project significantly contributed to my understanding of code integration, API development practices, and effective communication with frontend developers, thereby enriching my skill set as a developer.

**Project Title: Satisfide Job Portal Web Application**

**Technology Stack**: MERN (MongoDB, Express.js, React.js, Node.js) Next.js Tailwind CSS

**Learnings:**

Full-Stack Development: Gained proficiency in developing end-to-end web applications using the MERN stack.

UI/UX Design: Acquired skills in creating aesthetically pleasing and user-friendly UI designs with Tailwind CSS.

Backend Development: Developed backend functionalities using Node.js and Express.js, including features such as user authentication, job posting, and resume building.

Integration: Successfully connected frontend and backend components to ensure seamless data flow and interaction.

Collaboration and Teamwork: Collaborated with Arpit and Pranjal to implement advanced features like search functionality, resume builder, and filters.

Project Management: Managed the project timeline and tasks effectively over the course of two weeks, including UI corrections and feature enhancements.

**Challenges Faced:**

Complex Feature Implementation: Addressed challenges in implementing complex features like resume builder and search functionality.

Integration Issues: Overcame integration issues between frontend and backend components to ensure smooth functionality.

UI/UX Refinement: Focused efforts on refining UI elements and user experience based on feedback and usability testing.

Team Collaboration: Coordinated with team members Arpit and Pranjal to divide tasks and ensure efficient progress.

Despite the challenges encountered, the completion of the Satisfide Job Portal Web Application within the allocated timeframe stands as a testament to the collective efforts and dedication invested in the project.

**Project Title: Satisfide Job Portal Mobile Application**

**Technology** Stack: React Native REST API (Satisfide Job Portal Web Application backend)

**Learnings**:

Mobile App Development: Acquired proficiency in developing mobile applications using React Native framework.

Frontend Development: Created intuitive and responsive user interfaces for the mobile app.

Integration with REST API: Learned to integrate the mobile app frontend with the existing REST API endpoints from the Satisfide Job Portal Web Application backend.

Cross-Platform Compatibility: Explored techniques to ensure cross-platform compatibility and consistent user experience across different devices.

Project Dependency Management: Managed project dependencies effectively to streamline the development process

**Challenges Faced:**

Learning React Native: Overcame the learning curve associated with React Native development, including understanding component structure and navigation.

Integration Challenges: Faced challenges in integrating the frontend with the REST API, ensuring proper data flow and error handling.

UI/UX Adaptation: Adapted UI/UX design principles for mobile platforms, considering screen size limitations and touch interactions.

Testing and Debugging: Conducted thorough testing and debugging to identify and resolve issues related to performance and functionality.

As the project nears completion, the mobile application for the Satisfide Job Portal promises to provide users with a seamless and efficient platform for job search and recruitment activities.

**Project Title: Ecommerce Backend**

**Technology Stack:** Node.js Express.jsMongoDB

**Overview**:

The Ecommerce Backend project served as a foundational experience in backend development using Node.js, Express.js, and MongoDB. Over the course of its development and usage, I gained crucial insights into creating RESTful APIs, implementing error handling strategies, defining database schemas, and testing endpoints using Postman.

**Key Learnings:**

REST API Development: Acquired proficiency in designing and implementing RESTful APIs to facilitate communication between the frontend and backend systems.

Utilized HTTP methods (GET, POST, PUT, DELETE) to perform CRUD operations on resources, ensuring data integrity and security.

Error Handling: Implemented robust error handling mechanisms to gracefully manage unexpected errors and exceptions that may occur during API execution.

Utilized middleware functions in Express.js to centralize error handling logic, promoting code maintainability and readability.

Database Schema Design: Created MongoDB schemas to define the structure and relationships between different data entities within the ecommerce application.

Ensured data consistency and integrity by enforcing validation rules and constraints within the schema definitions.

Postman Testing: Leveraged Postman to test API endpoints and verify their functionality, including request validation, response handling, and error scenarios.

Utilized Postman's features for environment variables, collections, and assertions to streamline the testing process and ensure comprehensive coverage.

Conclusion:

The Ecommerce Backend project provided invaluable hands-on experience in backend development, allowing me to apply theoretical concepts to practical scenarios. Through this project, I gained a deeper understanding of Node.js, Express.js, and MongoDB, as well as essential practices such as REST API design, error handling, schema definition, and testing. Moving forward, I aim to build upon these foundations and continue exploring new technologies and methodologies in backend development.

**JOB PORTAL APP**

**Student**

|  |  |  |
| --- | --- | --- |
| Topic | Remark | Pending |
| Login | ✔️ |  |
| Register | ✔️ |  |
| Update Password | X | OTP based update --B |
| Edit Profile | ✔️ |  |
| View all Jobs and filter | ✔️ |  |
| View Job Details | ✔️ |  |
| Apply Job | ✔️ |  |
| See all Applications | ✔️ |  |
| Upload resume & otp | X |  |

**Employee**

|  |  |  |
| --- | --- | --- |
| Topic | Remark | Pending |
| Login | ✔️ |  |
| Register | ✔️ |  |
| Update profile | ✔️ |  |
| Create job | ✔️ |  |
| Read job & filter | ✔️ & X |  |
| Update job | ✔️ |  |
| Update application | ✔️ |  |
| Dashboard | ✔️ |  |
| Logout |  | ui |
| Delete job |  |  |

5 March 2024: Set up app screen, login, and registration for employees, and set up navigation.

6 March 2024: Create all Redux state slices and actions for employees, students, and jobs.

7 March 2024: Create onboarding screen, welcome page, and home page.

8 March 2024: Create "View All Jobs" page, job details page, and view all applications.

9 March 2024: Create profile and settings page, and filters.

11 March 2024: Complete UI and connect to student functionality.

12 March 2024: Complete UI and connect to student functionality.

13 March 2024: Create a drawer for employees, create job page, and view jobs.

14 March 2024: Create view job details and edit job functionalities.

15 March 2024: Create profile, settings, about company, privacy, and policy pages.

16 March 2024: Connect frontend to backend for dashboard and job creation.

17 March 2024: Connect backend and frontend for viewing and editing job details, and other minor tasks.

18 March 2024: Create a filter UI and backend connection for jobs.

19 March 2024: Redesign UI of view job details and add call button.

20 March 2024: Create a new settings page due to client update.

21 March 2024: Add banner section to the app and update UI according to client feedback.

22 March 2024: Host security website on Firebase, work with Aniket and Neeraj on already connected routes, implement error handling, and add loading components.

23 March 2024 (Saturday): Create dashboard and profile (redesigned), and learn how to host a website on Firebase.

24 March 2024 (Sunday): Create employee registration page, about company page, privacy and policies page, and host the website Satisfied Job.

26 March 2024 (Tuesday): I have completed the mobile app for Student, Employee, and All Jobs for Admin.

27 March 2024 (Web): I have created admin dashboard and profile page

Host satisfied job.com

Working on Gym deployment

28 march 2024 : share your app and student profile and download resume and student Profile

29 march 2024: Work on profile page and otp screen

30 march 2024:

1. 👌Welcome
2. 👌Logout.
3. 👌Onboarding show
4. 👌splash image
5. 👌Company carts and banner
6. 👌Upload pdf

31 March 2024: Work on Production error of build but not resolve still now

1 Apr 2024:

>Student :

👌Upload Resume

👌Ads section on jobs

👌Add date feature on jobs

👌Profile Photo

2 Apr 2024:

>Employee:

👌Font Update of complete Web Site

👌Pagination

👌Dashboard

3 Apr 2024

👌Update users and employee Login Form and register form

👌Create OTP feature and

4 Apr 2024

👌OTP BUG

👌Place holder animation each place

👌Remove console

👌Delete images from asserts

👌Call not allow after 8am-8am call but send msg

👌Home page dynamic

👌Home Delete popup

Admin can create new admin

Forget password

5 Apr 2024

Create a admin pannel for Toys App

6 Apr 2024

admin pannel for Toys App (Responsive)

7 Apr 2024 (Sunday)

👌Edit and jobs and new data featch for employee

👌application new data featch for student

👌😍Resume preview issue 5h

😍😍😍😍😍This is code of download resume in react native

const downloadResume = async (url) => {

console.log(url);

const filename = "small.pdf";

const result = await FileSystem.downloadAsync(

`${url}`,

FileSystem.documentDirectory + filename

);

console.log(result);

save(result.uri, filename, result.headers["Content-Type"]);

};

const downloadResumeApi = async () => {

const filename = "MissCoding.pdf";

const localhost = Platform.OS === "android" ? "10.0.2.2" : "127.0.0.1";

const result = await FileSystem.downloadAsync(

`http://${localhost}:5000/generate-pdf?name=MissCoding&email=hello@tripwiretech.com`,

FileSystem.documentDirectory + filename,

{

headers: {

MyHeader: "MyValue",

},

}

);

console.log(result);

save(result.uri, filename, result.headers["Content-Type"]);

};

const save = async (uri, filename, mimetype) => {

if (Platform.OS === "android") {

const permissions =

await FileSystem.StorageAccessFramework.requestDirectoryPermissionsAsync();

if (permissions.granted) {

const base64 = await FileSystem.readAsStringAsync(uri, {

encoding: FileSystem.EncodingType.Base64,

});

await FileSystem.StorageAccessFramework.createFileAsync(

permissions.directoryUri,

filename,

mimetype || "application/octet-stream"

) // provide a default mimetype if not provided

.then(async (createdUri) => {

await FileSystem.writeAsStringAsync(createdUri, base64, {

encoding: FileSystem.EncodingType.Base64,

});

})

.catch((e) => console.log(e));

} else {

shareAsync(uri);

}

} else {

shareAsync(uri);

}

};

8 Apr 2024

1. Fixed loading on Home screen
2. Resent jobs logo
3. app logo
4. Key to every map
5. Update skill
6. connect to real data base
7. Resume download in employee
8. Remain login when app Is close
9. ads ko dynamic kar na haa

❌OTP

❌ For employee inactive jobs

❌Make job apply unique / not working proper is applied and by backend

9 Apr 2024

Create a Ui of

1. 👌View Details
2. 👌Check out page
3. 👌Send APK to client

Play Store

1. 👌logo
2. 👌Create screen short
3. 👌Privacy Policy Docs
4. 👌Apk

10/Apr/2024

Backed of Ecommerce

1. User 👋
2. Product 👋
3. Learnings how to send data with image 👋
4. Payment Gatway
5. OTP
6. Recharges
7. Discount by admin
8. Admin can create brand 👋
9. Admin can create category 👋
10. IsAdmin 👋
11. 👋Cloudnary

11 Apr 2024

1. Complete interegration of e-comm ui
2. Explain Backend to Neeraj
3. Responsive App
4. Teach redux to Neeraj

Ecommerce Work :- admin Dashbord / Check Out Page / Add to card Page / Product Details Page

12 Apr 2024

* Play Store Deployement
* Details Page Resoponsive
* Update in app and Add More content in Home Page
* New Project

13 Apr

butiq website

15 Apr

butiq website

19 : ola web site