

Task Summary: Fullstack Intern Assignment

Project Name: BookIt: Experiences & Slots

Figma Link:

Objective:

Build a complete end-to-end web application where users can explore travel experiences, select available slots, and complete bookings. The goal is to test both frontend and backend skills, focusing on real-world fullstack workflows, API integration, and clean UI design.

Requirements

Frontend

1. **Framework:** React + TypeScript (Vite or Next.js recommended)
2. **Styling:** TailwindCSS (mandatory)
3. **Pages to Build:**
 - **Home Page:** List experiences fetched from backend.
 - **Details Page:** Show selected experience details, available dates and slots.
 - **Checkout Page:** Collect user info, promo code, and display price summary.
 - **Result Page:** Display booking confirmation or failure message.
4. **UX/UI Requirements:**
 - Must be responsive and mobile-friendly.
 - Clean, consistent spacing and typography.
 - Provide clear feedback (loading, success, failure, sold-out states, etc.).
5. **Frontend Logic:**
 - Consume backend APIs using Axios or Fetch.
 - Manage state cleanly using React hooks.

- Implement minimal form validation (email, name, etc.).

6. Design Fidelity:

- The frontend must match the provided Figma design exactly across desktop, mobile breakpoints, including spacing, typography scale, colors, and component states.

Backend

1. **Framework:** Node.js with Express or NestJS.

2. **Database:** PostgreSQL, MySQL, or MongoDB.

3. **API Endpoints (minimum):**

- `GET /experiences` - Return list of experiences.
- `GET /experiences/:id` - Return details and slot availability.
- `POST /bookings` - Accept booking details and store them.
- `POST /promo/validate` - Validate promo codes (e.g. SAVE10, FLAT100).

4. **Data Handling:**

- Store data in the database.
- Ensure validation for required fields.
- Prevent double-booking for the same slot.

Integration Flow

- Frontend should fetch experiences from backend APIs.
- Full flow should work as: Home → Details → Checkout → Result.
- Data (like experiences, slots, and booking confirmation) must be dynamic.

Deliverables

- Use freely available experience data and royalty-free images (e.g., from Unsplash, Pexels, or similar sources) to populate the application.
- Build a complete working fullstack project covering the entire booking flow from browsing to confirmation.
- The project must be hosted on a cloud platform such as Render, Railway, Vercel, or AWS for live review. This is mandatory.
- Provide a clear and complete README file with setup and run instructions.
- Submit both the hosted application link and the GitHub repository link.

Figma Link :

<https://www.figma.com/design/8X6E1Ev8YdtZ3erV0lifvb/HD-booking?node-id=0-1&p=f&t=K4scwnxfIHmfbb2a-0>