**Technical Stack and API Documentation**

**Technical Stack**

**Frontend**

• Next.js: For building modern, dynamic, and server-rendered UIs.  
• Tailwind: For responsive and visually appealing designs.  
• Reac-Icons: For pre-designed, customizable components.

**Backend**

• Sanity CMS: To manage and structure content effectively.  
• Clerk: For seamless user authentication and management.

**APIs**

• ShipEngine: Simplifies shipment tracking and delivery.  
• Stripe: Handles secure and efficient online payments.

**Tools**

• GitHub: Version control and collaborative development.  
• Postman: For testing and documenting APIs efficiently.  
• Vercel: Fast and reliable deployment for Next.js applications.

**API Endpoints**

Here are the main API endpoints we'll be working with:

|  |  |  |
| --- | --- | --- |
| Endpoint | Method | What it does |
| /api/create-order | POST | Creates a new order when someone buys something. |
| /api/orders | GET | Fetches all orders (admin stuff). |
| /api/shipengine/create-label | POST | Makes a shipping label for orders. |
| /api/shipengine/get-rates | GET | Checks shipping costs. |
| /api/shipengine/track-shipment | GET | Tracks where a shipment is. |
| /api/track-orders | GET | Lets users see all of their orders. |
| /api/send/confirmation-email | POST | Sends an email to confirm an order. |
| /api/reviews/[productId] | POST | Adds a review for a product. |