

## Day 2 – Technical Foundation

### Introduction:

This document outlines the technical foundation of my marketplace (actually I didn't decide a professional name yet but I will while launching). It covers the necessary details about core technologies, frameworks, and tools used in my marketplace

### Frontend:

- Framework: Next.js (App Router with typescript)
- Styling: Tailwind CSS
- State Management: React Context API
- Authentication: Clerk
- UI Components: ShadCN
- Fonts: Cabin
- Icons: Lucide React
- SEO Optimization: Next.js built-in SEO features
- Form Validation: Zod and React hook form
- Notifications: Sonner

### Backend & Database:

- CMS & Database: Sanity.io (handling all e-commerce data, including products, customers (in orders data), orders, reviews, contact messages etc.)
- Server-side Rendering: Next.js Server Components
- Authentication & Authorization: Clerk
- API Development: Sanity APIs for all data

### **Additional Tools & Integrations:**

- Version Control: GitHub
- Payment Gateway: Easypaisa (Planned)
- Shipment: Karachi Shipment API (Planned)
- Analytics: Google Analytics (Planned)