NextBuy — Full Stack Overview

🌐 Website: Soon Possible We Add.

# 🧱 Tech Stack Summary

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| Tool | Purpose |
| Next.js | Frontend + Backend (App Router, API routes) |
| MongoDB | Database for storing products, users, orders |
| Tailwind | Utility-first CSS framework for UI styling |
| Clerk | Authentication (Sign in/up, session, user profile) |
| Inngest | Background workflows (e.g., user sync, emails) |

# 🔁 Flow of App

1. 1. User visits site → sees product listings (built with Tailwind & Next.js).
2. 2. Sign up / Login handled by Clerk (secure auth & profile UI).
3. 3. On user creation, Clerk triggers a webhook to Inngest.
4. 4. Inngest runs a function to save user info into MongoDB.
5. 5. User can now add items to cart, view orders, update profile, etc.
6. 6. Data is read/written using MongoDB with Next.js API routes.

# 🔐 Auth + Background Process

- Clerk: Handles all auth logic (email, sessions, UI).

- Inngest: Listens to Clerk events like `user.created` and runs background functions (e.g., save user to DB, send welcome email).

# ✅ Why This Stack Works Well

* 🔐 Secure auth with Clerk.
* ⚡ Fast workflows via Inngest.
* 🎨 Modern UI with Tailwind.
* 🧠 Scalable backend using MongoDB + Next.js.