

## **Web Development:**

I am experienced in a variety of web related frameworks and technologies on both the frontend and the backend. On the frontend, I work with HTML, CSS, and JavaScript, along with modern tools such as Next.js for handling routing, SSR, SSG, and API routes. I also use Tailwind CSS for efficient styling and TypeScript to construct more maintainable applications. On the backend, I know Node.js and Express.js, which can be used to design and build robust APIs and server side logic. Lastly, I am comfortable with GitHub for version control, ensuring clean workflows and effective code management.

Community Q&A Platform (like StackOverflow Lite)

Tech: MERN - MongoDB, Express, React, Node.js

Type: Full Stack Social Platform

Workflow:

This is much like a simplified version of StackOverflow, where users come together to ask questions, share knowledge, and help each other solve problems. Users, upon registering, can post their doubts, answer other people's queries, and upvote those responses which they find helpful. Each answer is automatically ranked using a simple scoring system: answers that have more upvotes or are accepted by the question owner naturally rise to the top, so the best solutions are always the most visible. Questions and answers are tagged to make searching for topics or exploring subject areas easy. In the back, the system stores each question, answer, and vote efficiently, keeping track of user reputation to reward helpful contributors with higher visibility and privileges. It fills in all the details for a smooth, community driven environment where high-quality knowledge surfaces via the participation of users.

Multi Vendor Marketplace, like Etsy Lite

Tech: Next.js, Node.js, Stripe, MongoDB, Cloudinary

Type: Ecommerce System

Description:

A marketplace where multiple sellers create shops, list products, and receive earnings through Stripe Connect.

Workflow:

The multi vendor marketplace works like a miniature easy where multiple sellers can create their own stores and list their products independently. Sellers, upon registering, are able to upload images, set prices, and manage their offerings within a dedicated dashboard, while customers freely browse the items of all sellers in one big catalog. When a buyer adds a product to their cart and checks out, the payment will be handled via Stripe, which automatically splits the earnings between the platform and the respective seller. Product images are optimized via cloud service for fast loading, while buyers can get all they need via smooth navigation, search filters, and clean product pages. After the purchase, the system generates an order for the seller to fulfill, and also updates the buyer's order history. In this way, the website is generally acting like a bridge, connecting buyers and independent sellers while taking care of product management, payment, and order tracking seamlessly and in a user-friendly manner.