



COUTURE CLOSET

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Justification

- Brings together fashion and technology to create a tool that can serve many users while giving us real experience with modern web development
- Apply full stack skills using Next.js, React, Node.js, and PostgreSQL, along with effective database design and optimized queries
- Build secure APIs, automate product data collection through Python crawlers, and design a clean and intuitive interface.

Technology

- Built with Next.js, React, Tailwind CSS, and TypeScript on the frontend with a Node.js and Express API on the backend
- PostgreSQL database through Supabase for data storage and management
- Python tools like BeautifulSoup for automated product scraping and data formatting
- Authentication is handled through Google OAuth and secure credential management
- Platform communicates through REST based APIs using HTTP and HTTPS

Couture Closet is a:

Web application that promotes fashion inspiration and direct product discovery.
Our platform combines the visual curation aspects of mood board apps (like Pinterest) with immediate actionable shopping capabilities.



Functions

- Allows users to explore a catalog of fashion items with detailed information
- Filter products by brand, category, gender, and color
- Save their favorites into personalized digital closets organized by theme or
- Supports social sharing through public profiles
- Secure authentication through email and Google ensures a personalized and safe experience

Goals

- Build a complete full stack application from scratch, bringing together the frontend, backend, database, and third party services
- Connect visual curation with direct shopping
- Design a scalable data management system that collects, organizes, and filters thousands of products with proper deduplication and categorization
- Create a social fashion platform that supports personal style expression