

Next.js E-Commerce 1-Month Roadmap (2.5 hrs/day)

This PDF includes:

- Complete 30-day lesson plan
 - Frontend + backend roadmap
 - Practice + revision structure
 - Full folder structure for production-ready E-commerce
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■ WEEK 1 — Next.js Foundation

Day 1: Introduction, setup, routing basics

Day 2: Server/Client Components

Day 3: Layouts, metadata, SEO

Day 4: Dynamic routing

Day 5: API Routes basics

Day 6: Server-side fetching (SSR/SSG/ISR)

Day 7: Revision + UI practice

■ WEEK 2 — Backend + Database

Day 8: MongoDB connection

Day 9: Product CRUD API

Day 10: Auth basics (NextAuth)

Day 11: Signup API + hashing

Day 12: Login + session

Day 13: Middleware + admin protection

Day 14: Revision + bug fixing

■ WEEK 3 — E-commerce Core Features

Day 15: Product listing

Day 16: Product details

Day 17: Cart (frontend)

Day 18: Cart backend

Day 19: Wishlist feature

Day 20: Checkout UI

Day 21: Revision

■ WEEK 4 — Payments, Admin Panel, Deployment

Day 22: Payment gateway (Stripe/Razorpay)

Day 23: Orders + order history

Day 24: Admin panel structure

Day 25: Product add/edit + Cloudinary

Day 26: Dashboard analytics

Day 27: Deployment (Vercel + MongoDB Atlas)

Day 28–30: Final polish + testing

■ COMPLETE FOLDER STRUCTURE (Next.js App Router)

project/

■ ■ ■ app/

■ ■ ■ layout.js

■ ■ ■ page.js

■ ■ ■ globals.css

■ ■

■ ■ ■ api/

■ ■ ■ ■ ■ auth/

■ ■ ■ ■ ■ [...nextauth]/route.js

■ ■ ■ ■ ■ products/

■ ■ ■ ■ ■ route.js

■ ■ ■ ■ ■ [id]/route.js

■ ■ ■ ■ ■ cart/

■ ■ ■ ■ ■ route.js

■ ■ ■ ■ ■ wishlist/

■ ■ ■ ■ ■ route.js

■ ■ ■ ■ ■ orders/

```
■ ■ ■■■ route.js
■ ■
■ ■■■ products/
■ ■ ■■■ [id]/page.js
■ ■
■ ■■■ cart/
■ ■ ■■■ page.js
■ ■
■ ■■■ wishlist/
■ ■ ■■■ page.js
■ ■
■ ■■■ checkout/
■ ■ ■■■ page.js
■ ■
■ ■■■ orders/
■ ■ ■■■ page.js
■ ■
■ ■■■ admin/
■ ■■■ layout.js
■ ■■■ dashboard/page.js
■ ■■■ products/page.js
■ ■■■ products/add/page.js
■ ■■■ products/edit/[id]/page.js
■
■■■ components/
■ ■■■ Navbar.jsx
■ ■■■ Footer.jsx
■ ■■■ ProductCard.jsx
■ ■■■ ProductGrid.jsx
■ ■■■ CartButton.jsx
■ ■■■ AdminSidebar.jsx
■
■■■ lib/
■ ■■■ db.js
```

■ ■ ■ ■ auth.js

■ ■ ■ ■ utils.js

■

■ ■ ■ models/

■ ■ ■ ■ User.js

■ ■ ■ ■ Product.js

■ ■ ■ ■ Cart.js

■ ■ ■ ■ Order.js

■

■ ■ ■ public/

■ ■ ■ package.json

This roadmap makes you fully job-ready for international MERN/Next.js jobs.