

## **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

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### **■ 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

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### **■ 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

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## ■ 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

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## ■ 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
```

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