

## E-Commerce Platform

Product : E Commerce Website

Frontend: React.js (Redux Toolkit, TailwindCSS)

Backend: Node.js, Express.js, MongoDB

Authentication: JWT

Payments: Razorpay, Stripe

Deployment: Vercel (Frontend), AWS EC2 (Backend)

### Development Process:

1. UI/UX Design – Designed product listing, cart, checkout, and admin flows in Figma.
2. Backend Development – Built modular REST API with MongoDB and Express.
3. Frontend Development – React components with Redux state management.
4. Integrations – Razorpay for payment gateway, email OTP for verification.
5. QA & Testing – Manual testing with Cypress and Postman collection validation.
6. Deployment – CI/CD via GitHub Actions, deployed to AWS & Vercel.
7. Post-Launch Support – Bug fixes, new feature rollouts (wishlist, returns).