

How we Work

1. Requirement & Planning

- a. Client requirements
- b. Target audience
- c. Pages & features
- d. User roles
- e. Database requirements

2. UI/UX Design

- a. Responsive design
- b. Mobile / Tablet / Desktop
- c. Colors & typography
- d. Navigation & user flow

3. Frontend Development

- a. React / Next.js
- b. Components
- c. Forms
- d. API integration
- e. Loading & error states
- f. Responsive UI
- g. Animations

4. Backend Development

- a. Node.js + Express / Next.js backend
- b. REST APIs
- c. Authentication
- d. Authorization / roles
- e. Database
- f. File/image uploads
- g. Email functionality

5. Database

- a. MongoDB
- b. Schema design
- c. Relationships
- d. Indexing

- e. Data validation

6. Security 🗝️

- a. HTTPS/SSL
- b. Password hashing
- c. JWT/session security
- d. Input validation
- e. CORS
- f. Rate limiting
- g. CAPTCHA where needed
- h. Environment variables
- i. Protect admin routes
- j. Prevent common attacks

7. SEO

- a. Page titles
- b. Meta descriptions
- c. Open Graph
- d. Sitemap
- e. Robots.txt
- f. Canonical URLs
- g. Structured data/schema
- h. SEO-friendly URLs
- i. Google Search Console

8. Performance

- a. Optimize images
- b. Lazy loading
- c. Code splitting
- d. Caching
- e. Minification
- f. Reduce unnecessary requests
- g. Core Web Vitals

9. Analytics & Tracking

- a. Google Analytics
- b. Search Console
- c. Conversion tracking
- d. Form/CTA tracking
- e. Error monitoring

10. Testing 🖋️

- a. Functional testing
- b. Mobile testing
- c. Browser testing
- d. Form testing
- e. Authentication testing
- f. Payment testing
- g. API testing
- h. Security testing
- i. 404/500 pages
- j. Test production build

11. Production Configuration

- a. .env production variables
- b. Production database
- c. Production API URL
- d. Domain configuration
- e. CORS configuration
- f. Email configuration
- g. Payment keys
- h. Remove development/debug code

12. Final Production Check

- a. Open website on mobile
- b. Test every page
- c. Test every form
- d. Test login/signup
- e. Test emails
- f. Test payments
- g. Check SEO
- h. Check speed
- i. Check console errors
- j. Check broken links
- k. Check security

13. Git & Deployment

- a. Git repository
- b. Production branch
- c. Build project

- d. Deploy frontend
- e. Deploy backend
- f. Connect database
- g. Configure domain
- h. Configure DNS
- i. SSL

14. After Launch

- a. Backups
- b. Monitoring
- c. Error logs
- d. Security updates
- e. Database maintenance
- f. Analytics
- g. Client/admin support