

Copilot

100 Days of Coding Challenge Schedule

Days 1-25: Portfolio Website

1. Days 1-5: Setup and Planning

- Install necessary tools (Node.js, React, Next.js)
- Plan website structure and design
- Create wireframes and mockups

2. Days 6-10: Basic Structure

- Set up project with Next.js
- Create basic pages (Home, About, Projects, Contact)
- Implement routing

3. Days 11-15: Styling and Layout

- Apply CSS/SCSS for styling
- Use CSS frameworks (e.g., Tailwind CSS)
- Ensure responsive design

4. Days 16-20: Content and Components

- Add content to pages
- Create reusable components (Navbar, Footer, Project Cards)

5. Days 21-25: Final Touches and Deployment

- Optimize for performance
- Test across different devices and browsers
- Deploy to a hosting service (e.g., Vercel)

Days 26-50: 3D Portfolio Website

1. Days 26-30: Setup and Planning

- Install Three.js or React Three Fiber

- Plan 3D elements and interactions
- Create wireframes and mockups

2. **Days 31-35:** Basic Structure

- Set up project with Next.js
- Create basic pages and integrate 3D canvas
- Implement routing

3. **Days 36-40:** 3D Modeling and Integration

- Create or import 3D models
- Integrate 3D models into the website
- Implement basic interactions

4. **Days 41-45:** Styling and Layout

- Apply CSS/SCSS for styling
- Ensure responsive design
- Style 3D elements

5. **Days 46-50:** Final Touches and Deployment

- Optimize for performance
- Test across different devices and browsers
- Deploy to a hosting service

Days 51-75: E-commerce Website

1. **Days 51-55:** Setup and Planning

- Install necessary tools (Node.js, React, Next.js)
- Plan website structure and design
- Create wireframes and mockups

2. **Days 56-60:** Basic Structure

- Set up project with Next.js
- Create basic pages (Home, Shop, Product, Cart, Checkout)
- Implement routing

3. **Days 61-65:** Product Management

- Create product listing and detail pages
- Implement product search and filtering
- Integrate a CMS (e.g., Strapi) for product management

4. **Days 66-70:** Shopping Cart and Checkout

- Implement shopping cart functionality
- Create checkout process
- Integrate payment gateway (e.g., Stripe)

5. **Days 71-75:** Final Touches and Deployment

- Optimize for performance
- Test across different devices and browsers
- Deploy to a hosting service

Days 76-100: Second E-commerce Website

1. **Days 76-80:** Setup and Planning

- Install necessary tools (Node.js, React, Next.js)
- Plan website structure and design
- Create wireframes and mockups

2. **Days 81-85:** Basic Structure

- Set up project with Next.js
- Create basic pages (Home, Shop, Product, Cart, Checkout)
- Implement routing

3. **Days 86-90:** Product Management

- Create product listing and detail pages
- Implement product search and filtering
- Integrate a CMS (e.g., Strapi) for product management

4. **Days 91-95:** Shopping Cart and Checkout

- Implement shopping cart functionality
- Create checkout process
- Integrate payment gateway (e.g., Stripe)

5. **Days 96-100:** Final Touches and Deployment

- Optimize for performance
- Test across different devices and browsers
- Deploy to a hosting service

This schedule ensures a balanced approach to learning and building, with dedicated time for planning, development, and deployment for each project.