

# Schedule for summer weeks

- \*Total Duration:\* June 21 to September 6 (about 11 weeks)
- \*Available Hours per Week for Projects:\* 20 hours

## ### Weekly Schedule

- \*Monday to Friday:\* Internship (9 AM - 5 PM)
- \*Saturday & Sunday:\* Focus on projects and Amazon product listing

## ### Project Timeline

### #### Week 1-2: Personal Portfolio Website

- \*Week 1:\*
  - Set up the project and basic structure.
  - Implement the home page and about section.
  - Add skills and experience sections.
- \*Week 2:\*
  - Develop the blog section.
  - Implement the contact form and email integration.
  - Polish the design and make it responsive.

### #### Week 3-4: E-commerce Store

- \*Week 3:\*
  - Set up the project and basic structure.
  - Implement product listings and search functionality.
  - Create user authentication and profile management.
- \*Week 4:\*
  - Develop shopping cart and checkout process.

- Integrate payment gateway (Stripe or PayPal).
- Add basic UI/UX enhancements.

#### #### Week 5-6: Task Management Application

- \*Week 5:\*
- Set up the project and basic structure.
- Implement user authentication and CRUD operations for tasks.
- \*Week 6:\*
- Add drag-and-drop functionality for task management.
- Implement real-time updates using WebSockets.
- Perform testing and bug fixes.

#### #### Week 7-8: Social Media Dashboard

- \*Week 7:\*
- Set up the project and basic structure.
- Develop user profiles, posts, and comments.
- \*Week 8:\*
- Implement follow/unfollow functionality.
- Add real-time notifications and updates.
- Integrate image and file uploads.

#### #### Week 9-10: Blog Platform

- \*Week 9:\*
- Set up the project and basic structure.
- Develop markdown editor for creating posts.
- Implement tagging and categorization.
- \*Week 10:\*
- Add commenting system with moderation tools.
- Optimize for SEO and implement server-side rendering.

- Finalize the project with UI/UX improvements.

#### #### Week 11: Wrap Up and Deployment

- \*Final Week:\*
- Review all projects for any final touches and improvements.
- Deploy all projects to a hosting platform (Vercel, Heroku, AWS).
- Create documentation and update your portfolio with these projects.

#### ### Detailed Weekly Breakdown:

- \*Monday to Friday:\*
- Internship (9 AM - 5 PM)
- \*Saturday & Sunday:\*
- Amazon Product Listing: 10 hours (5 hours each day)
- Next.js Projects: 10 hours (5 hours each day)

This schedule ensures that you spend adequate time on both your internship and Amazon product listing while making steady progress on your Next.js projects. By the end of this period, you should have a solid set of projects to showcase on your resume.

## Requirements for these projects

Sure! Here are the detailed requirements for each project as if they were provided by a customer or product owner:

#### ### 1. Personal Portfolio Website

##### #### Requirements:

##### 1. \*\*Home Page:\*\*

- Header with navigation links (Home, About, Blog, Contact).

- Hero section with a professional photo, name, title, and a short introduction.
- Featured projects section with links to detailed project pages.

## 2. **About Page:**

- Detailed biography including education, work experience, and skills.
- Downloadable resume link.

## 3. **Blog Section:**

- List of blog posts with title, date, and a short description.
- Individual blog post pages with comments section.

## 4. **Contact Page:**

- Contact form with fields: Name, Email, Subject, Message.
- Email integration to send form submissions to a specified email address.

## 5. **General:**

- Responsive design for mobile and desktop.
- SEO optimized with meta tags and social sharing options.
- Fast loading times and accessibility compliance.

## ### 2. E-commerce Store

### #### Requirements:

#### 1. **User Interface:**

- Homepage with product categories and featured products.
- Product listing pages with search and filter functionality.
- Individual product pages with images, descriptions, prices, and reviews.

#### 2. **User Authentication:**

- Registration and login functionality.
- Profile management for users.

### 3. **\*\*Shopping Cart:\*\***

- Add to cart, update quantities, and remove items.
- Display total cost and itemized list.

### 4. **\*\*Checkout Process:\*\***

- Address and payment information forms.
- Integration with Stripe or PayPal for payment processing.

### 5. **\*\*Admin Interface:\*\***

- Add, update, and delete products.
- View and manage orders.

## ### 3. Task Management Application

### #### Requirements:

#### 1. **\*\*User Authentication:\*\***

- Registration and login functionality.
- Secure password management.

#### 2. **\*\*Task Management:\*\***

- Create, read, update, and delete tasks.
- Assign due dates and priority levels.

#### 3. **\*\*Drag-and-Drop Functionality:\*\***

- Drag and drop tasks to reorder or change status (e.g., to-do, in progress, done).

#### 4. **\*\*Real-time Updates:\*\***

- Use WebSockets to provide real-time task updates for all users.

#### 5. **\*\*User Interface:\*\***

- Dashboard with task overview.
- Detailed task views and edit forms.

### ### 4. Social Media Dashboard

#### ##### Requirements:

##### 1. **\*\*User Profiles:\*\***

- User registration, login, and profile management.
- Profile picture upload and bio section.

##### 2. **\*\*Post Creation and Management:\*\***

- Create, edit, and delete posts.
- Like and comment on posts.

##### 3. **\*\*Follow/Unfollow:\*\***

- Follow and unfollow other users.
- Display follower and following counts on profiles.

##### 4. **\*\*Real-time Notifications:\*\***

- Notify users of new likes, comments, and followers.

##### 5. **\*\*Media Upload:\*\***

- Support for image and file uploads in posts.

### ### 5. Blog Platform

#### #### Requirements:

##### 1. \*\*Content Creation:\*\*

- Markdown editor for creating and editing blog posts.
- Tags and categories for posts.

##### 2. \*\*Blog Management:\*\*

- List of all posts with search and filter functionality.
- Individual post pages with full content and comments.

##### 3. \*\*Commenting System:\*\*

- Allow users to comment on posts.
- Moderation tools for deleting inappropriate comments.

##### 4. \*\*SEO Optimization:\*\*

- Meta tags for SEO.
- Server-side rendering for fast loading and better search engine indexing.

##### 5. \*\*User Interface:\*\*

- Clean and readable design.
- Responsive layout for mobile and desktop.

#### ### 6. Real-time Chat Application

#### #### Requirements:

##### 1. \*\*User Authentication:\*\*

- Registration and login functionality.
- User profile management.

## 2. **\*\*Messaging:\*\***

- Real-time messaging with WebSockets.
- Group chat and direct messaging.

## 3. **\*\*Notifications:\*\***

- Real-time notifications for new messages.

## 4. **\*\*User Interface:\*\***

- Chat interface with message history.
- Input field for sending messages and uploading files.

# ### 7. Expense Tracker

## #### Requirements:

### 1. **\*\*User Authentication:\*\***

- Registration and login functionality.
- Secure user data storage.

### 2. **\*\*Expense Management:\*\***

- Add, edit, and delete expenses and income entries.
- Categorize and tag entries.

### 3. **\*\*Visualization:\*\***

- Charts and graphs for visualizing spending patterns.
- Monthly and yearly summaries.

### 4. **\*\*Budgeting Tools:\*\***

- Set and track budgets.
- Alerts for budget limits.



### ### 8. Job Board

#### #### Requirements:

##### 1. \*\*User Profiles:\*\*

- Employer and job seeker registration and profile management.

##### 2. \*\*Job Listings:\*\*

- Employers can post, edit, and delete job listings.
- Job seekers can search and filter job listings.

##### 3. \*\*Application Management:\*\*

- Job seekers can apply to jobs.
- Employers can manage applications and track statuses.

##### 4. \*\*Notifications:\*\*

- Email notifications for job applications and status updates.

### ### 9. Event Management System

#### #### Requirements:

##### 1. \*\*Event Creation:\*\*

- Users can create and manage events.
- Include details such as date, time, location, and description.

##### 2. \*\*Ticket Booking:\*\*

- Users can book tickets for events.
- Integration with payment gateway for ticket purchases.

### 3. **\*\*User Authentication:\*\***

- Registration and login functionality.
- User profile management.

### 4. **\*\*Calendar View:\*\***

- Calendar view for upcoming events.
- Event reminders via email or notifications.

## ### 10. Recipe Sharing Platform

### #### Requirements:

#### 1. **\*\*User Profiles:\*\***

- User registration, login, and profile management.

#### 2. **\*\*Recipe Management:\*\***

- Create, edit, and delete recipes.
- Include ingredients, steps, and images.

#### 3. **\*\*Search and Filtering:\*\***

- Search recipes by ingredients or cuisine.
- Filter by categories and tags.

#### 4. **\*\*Rating and Commenting:\*\***

- Allow users to rate and comment on recipes.
- Moderation tools for managing comments.

These detailed requirements will help you understand the scope of each project and prioritize features during development. This structured approach will also make it easier to track your progress and ensure that each project meets the expectations of a potential employer.