

# Master Laravel & PHP: From Beginner to Advanced

- Project 1 To-Do List**
  - Basic routing and controllers
  - Blade templating
  - Database interactions with Eloquent ORM
  - CRUD operations
  - Form validation
  - Session handling
- Project 2 Book Reviews**
  - Relationships in Eloquent (One-to-Many)
  - Advanced querying techniques
  - Caching for performance optimization
  - Custom Blade components
  - Rate limiting
- Project 3 REST API**
  - RESTful API development
  - API resources for response formatting
  - Authentication with Laravel Sanctum
  - Authorization using Gates and Policies
  - Task scheduling and queues
  - Notifications and email sending
- Project 4 Livewire**
  - Real-time applications with Livewire
  - Component-based architecture
  - State management in Livewire
  - Event handling between components
- Project 5 Jobs Portal**
  - Advanced filtering and search functionality
  - File uploads and management
  - Soft deletes
  - Middleware for access control
  - Integration with Tailwind CSS and Alpine.js
- Appendix A PHP Crash Course**
  - Data types
  - Control structures

Object-Oriented Programming

