
01_Laravel_Advanced_Routing.md

- **Topic:** Implement dynamic route model binding with custom keys and route groups with middleware in Laravel.

02_Laravel_Service_Providers.md

- **Topic:** Create a custom service provider to register a singleton service and defer its loading.

03_Laravel_Repository_Pattern.md

- **Topic:** Implement the Repository Pattern with Eloquent and Dependency Injection for cleaner code.

04_Laravel_Policy_Gates.md

- **Topic:** Set up authorization using Policies and Gates for a multi-role user system.

05_Laravel_Events_Listeners.md

- **Topic:** Create a custom event and listener to send a welcome email upon user registration.

06_Laravel_Queues_Horizon.md

- **Topic:** Configure Redis queues and Laravel Horizon to process background jobs efficiently.

07_Laravel_File_Storage.md

- **Topic:** Implement file uploads using Laravel's filesystem with S3 and local disk fallback.

08_Laravel_API_Resources.md

- **Topic:** Transform API responses using Eloquent API Resources with pagination.

09_Laravel_Validation_FormRequests.md

- **Topic:** Create custom Form Request validation with dynamic rule sets and error messages.

10_Laravel_Multi_Tenancy.md

- **Topic:** Implement database multi-tenancy using separate databases per tenant.

11_Laravel_Testing_PHPUnit.md

- **Topic:** Write feature tests for CRUD operations with authentication using PHPUnit.

12_Laravel_Docker_Setup.md

- **Topic:** Dockerize a Laravel app with PHP, MySQL, and Nginx using Docker Compose.

13_Laravel_RealTime_WebSockets.md

- **Topic:** Build real-time notifications using Laravel WebSockets and Pusher.

14_Laravel_GraphQL_Integration.md

- **Topic:** Integrate GraphQL with Laravel using Lighthouse for a flexible API.

15_Laravel_Cache_Performance.md

- **Topic:** Optimize database queries using Redis caching for frequently accessed data.

16_Laravel_Telescope_Debugging.md

- **Topic:** Debug requests, queries, and jobs using Laravel Telescope in depth.

17_Laravel_Scout_Algoria.md

- **Topic:** Implement full-text search using Laravel Scout with Algolia.

18_Laravel_Task_Scheduling.md

- **Topic:** Automate tasks using Laravel Scheduler with cron jobs and custom commands.

19_Laravel_Payment_Stripe.md

- **Topic:** Integrate Stripe payments with webhooks for subscriptions and one-time charges.

20_Laravel_Deployment_CI_CD.md

- **Topic:** Set up CI/CD with GitHub Actions for automated Laravel deployment.