Course Name : LEARN LARAVEL IN A DAY
Duration : 1 day (Physical Classroom / Virtual Live Instructor)
Skill Level : Beginner

COURSE DESCRIPTION:
"Learn Laravel in a day" is a hands-on, one-day workshop designed to introduce absolute beginners to the Laravel framework, one of the most popular PHP frameworks for building robust and scalable web applications. This course starts with an overview of Laravel's key features, guiding participants through installation, setup, and the basics of the framework's folder structure. You'll learn how to configure environment variables, utilize Artisan CLI, and set up your first Laravel application with ease.

As the day progresses, you'll dive into practical concepts like routing, controllers, and Blade templating to build dynamic and reusable web pages. The course also covers Laravel's powerful Eloquent ORM, where you'll learn how to connect to a database, create migrations, and perform CRUD operations. By the end of the day, you'll have developed a fully functional blog application, equipping you with the foundational skills to build modern web applications using Laravel. Whether you're looking to start your journey in web development or enhance your PHP skills, this course provides a comprehensive and fast-paced introduction to Laravel

WHAT WILL YOU LEARN?
In this one-day crash course, you will learn the fundamentals of Laravel, including how to set up and configure a Laravel project, define routes, and create controllers for dynamic web applications. You'll explore Blade templating to build reusable and dynamic layouts, and dive into database management with Laravel's Eloquent ORM, learning to perform migrations, relationships, and CRUD operations. By the end of the course, you'll have hands-on experience building a functional blog application, giving you the confidence to create scalable and modern web applications using Laravel.

PREREQUISITE:
This course is designed for individuals with little to no prior experience in PHP programming

METHODOLOGY:
This program will be conducted with interactive lectures, PowerPoint presentations, discussions, and practical exercises. This course can be conducted as instructor-led (ILT) or virtual instructor-led training (VILT).

JOB SCOPE:
Upon completion of this course, candidates may pursue the following career paths:

- Laravel Developer
- Web Developer
- Backend Developer
- API Engineer
- PHP Developer

MODULE 1: INTRODUCTION TO LARAVEL
- Welcome
- What is Laravel? Overview and key features.
- Installing and setting up Laravel using Composer.
- Exploring the Laravel folder structure.
- Configuring environment variables (.env file).
- Introduction to Artisan CLI and running your first Laravel application.
- **Practice project:** Setting up a basic Laravel application.

MODULE 2: ROUTING AND CONTROLLERS
- Understanding Laravel routing: Defining routes with closures and controllers.
- Creating and using controllers with Artisan.
- Passing data to views.
- Middleware: Adding request filters.
- **Practice project:** Creating routes for a small blog application.

MODULE 3: WORKING WITH BLADE TEMPLATING
- Introduction to Blade: Laravel's templating engine.
- Creating reusable components with layouts and sections.
- Displaying dynamic data using Blade directives (@if, @foreach, etc.).
- **Practice project:** Building a blog layout with Blade templates.

MODULE 4: DATABASE AND ELOQUENT ORM
- Connecting Laravel to a database (MySQL).
- Understanding migrations: Creating and modifying database tables.
- Introduction to Eloquent ORM: Models, relationships, and queries.
- Seeding the database with test data.
- **Practice project:** Farmer Market CRUD WebApp

CONCLUSION
- QA
- Useful References and Books
- Feedback