Overview

Laravel is a popular PHP framework that is widely used for web application development. This training proposal aims to provide a comprehensive overview of Laravel to individuals or teams who are new to the framework or those who want to enhance their existing Laravel skills.

Objectives

• Provide a fundamental understanding of the Laravel framework and its features.

• Enable participants to build web applications using Laravel.

• Train participants on how to integrate Laravel with front-end.

Duration

Total Days: 17 Days

Total Hours: 76.5 Hours

Session Duration: 4.5 Hours

Outline

- Intro to Laravel

- Routines

- Controller

- Views

- Authentication

- Send Emails

- Relations / ORM

- Publish You Project

Methodology

The training will be delivered through a combination of lectures, hands-on exercises, and project development. Participants will have access to the Laravel documentation and other online resources to supplement their learning. The training will be conducted online.

Who Should Attend?

All the graduates from the Backend Basics Level

Agenda

Day: 1

Outline	From	To	Activities	Tools
Pre-assessment	05:30 PM	06:00 PM	Quiz	
Ice Break	**06:00 PM**	**06:30 PM**		
Intro to Laravel	06:30 PM	08:00 PM	- What is Laravel- What is MVC- Structure Overview	
Break	**08:00 PM**	**08:30 PM**		
Intro to Laravel	08:30 PM	10:30 PM	- Install Laravel- Installing GIT- Create First Project	

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Day: 2

Outline	From	To	Activities	Tools
Questions And review	05:30 PM	06:00 PM	Discussion	
Routines	06:00 PM	07:30 PM	- What is Laravel Routing	
Break	**07:30 PM**	**08:00 PM**		
Routines	08:00 PM	10:00 PM	- Route Structure and Route Service Provider	

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Day: 3

Outline	From	To	Activities	Tools
Questions and reviews	05:30 PM	06:00 PM	Discussion	
Routines	06:00 PM	07:30 PM		- Naming Routing and Namespaces
Break	**07:30 PM**	**08:00 PM**		
Routines	08:00 PM	10:00 PM	- Route Group prefix and middleware	

Day: 4

Outline	From	To	Activities	Tools
Questions and review	05:30 PM	06:00 PM	Discussion	
Controller	06:00 PM	07:30 PM	- Create Controller	
Break	**07:30 PM**	**08:00 PM**		
Controller	08:00 PM	10:00 PM	- Controllers and Namespaces	

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Day: 5

Outline	From	To	Activities	Tools
Questions and review	05:30 PM	06:00 PM	Discussion	
Controller	06:00 PM	07:30 PM	- Controller Middleware	
Break	**07:30 PM**	**08:00 PM**		
Controller	08:00 PM	10:00 PM	- Controller and Route Resource	

Day: 6

Outline	From	To	Activities	Tools
Questions and review	05:30 PM	06:00 PM	Discussion	
Views	06:00 PM	07:30 PM	- Intro to Views	
Break	**07:30 PM**	**08:00 PM**		
Views	08:00 PM	10:00 PM	- Passing Data from Views to Controller	

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Day: 7

Outline	From	To	Activities	Tools
Questions and reviews	05:30 PM	06:00 PM	Discussion	
Views	06:00 PM	07:30 PM	- Landing Page	
Break	**07:30 PM**	**08:00 PM**		
Views	08:00 PM	10:00 PM	- Multi Language Views	

Day: 8

Outline	From	To	Activities	Tools
Questions and review	05:30 PM	06:00 PM	Discussion	
Views	06:00 PM	07:30 PM	- Inheritance & Layout Extends	
Break	**07:30 PM**	**08:00 PM**		
Views	08:00 PM	10:00 PM	- Inheritance & Layout Extends	

Day: 9

Outline	From	To	Activities	Tools
Questions and review	05:30 PM	06:00 PM	Discussions	
Views	06:00 PM	07:30 PM	- View Directive	
Break	**07:30 PM**	**08:00 PM**		
Views	08:00 PM	10:00 PM	- View Directive	

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Day: 10

Outline	From	To	Activities	Tools
Questions and reviews	05:30 PM	06:00 PM	Descussions	
Authentication	06:00 PM	07:30 PM	- Create Login System	
Break	**07:30 PM**	**08:00 PM**		
Authentication	08:00 PM	10:00 PM	- Create Login System	

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Day: 11

Outline	From	To	Activities	Tools
Questions and review	05:30 PM	06:00 PM	Discussion	
Authentication	06:00 PM	07:30 PM	- Registration System	
Break	**07:30 PM**	**08:00 PM**		
Authentication	08:00 PM	10:00 PM	- Registration System	

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Day: 12

Outline	From	To	Activities	Tools
Questions and reviews	05:30 PM	06:00 PM	Discussion	
Authentication	06:00 PM	07:30 PM	- Login via Mobile Number	
Break	**07:30 PM**	**08:00 PM**		
Authentication	08:00 PM	10:00 PM	- Email verification- Reset Password	

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Day: 13

Outline	From	To	Activities	Tools
Questions and reviews	05:30 PM	06:00 PM	Discussion	
Authentication	06:00 PM	07:30 PM	- Social Media Logins	
Break	**07:30 PM**	**08:00 PM**		
Authentication	08:00 PM	10:00 PM	- Expire Users Logins	

Day: 14

Outline	From	To	Activities	Tools
Questions and reviews	05:30 PM	06:00 PM	Discussion	
Send Emails	06:00 PM	07:30 PM	- Send Using Task Scheduler	
Break	**07:30 PM**	**08:00 PM**		
Send Emails	08:00 PM	10:00 PM	- Send Using Task Scheduler	

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Day: 15

Outline	From	To	Activities	Tools
Questions and reviews	05:30 PM	06:00 PM	Discussion	
Relations / ORM	06:00 PM	07:30 PM	- Intro- Models	
Break	**07:30 PM**	**08:00 PM**		
Relations / ORM	08:00 PM	10:00 PM	- Advanced Models- Insert to DB	

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Day: 16

Outline	From	To	Activities	Tools
Questions and reviews	05:30 PM	06:00 PM	Discussion	
Relations / ORM	06:00 PM	07:30 PM	- Data Validation Before Insert- Retrieve Data	
Break	**07:30 PM**	**08:00 PM**		
Relations / ORM	08:00 PM	10:00 PM	- Update Data- Delete- Relations	

Day: 17

Outline	From	To	Activities	Tools
Questions and review	05:30 PM	06:00 PM	Discussion	
Publish You Project	06:00 PM	07:00 PM	- Github and Laravel	
Break	**07:00 PM**	**07:30 PM**		
Publish You Project	07:30 PM	09:00 PM	- Publish to a server	
Project	09:00 PM	09:30 PM	Project Details	
Post-assessment	09:30 PM	10:00 PM	Quiz	

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