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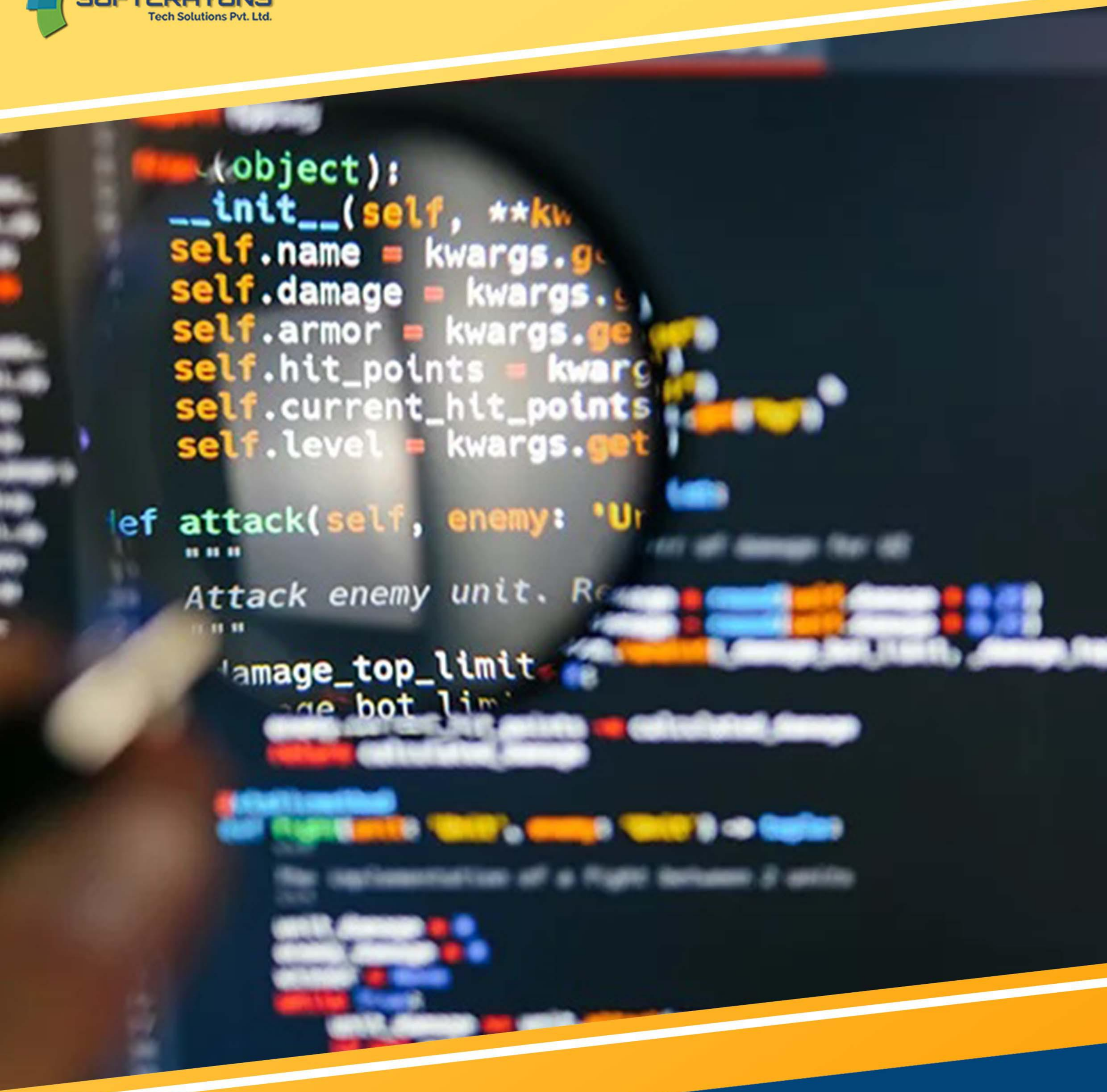

Laravel PHP

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About Course

Laravel is a back-end PHP-based and open-source framework used for building a wide range of custom web applications. It's an entirely server-side framework that manages data with the help of Model-View-Controller (MVC) design which breaks an application back-end architecture into logical parts.

LARAVEL PHP

CURRICULUM

1 Introduction To Laravel PHP Framework

- Introduction to Laravel
- Laravel Installation Guide
- Laravel Configuration
- Introduction to MVC Pattern
- Laravel Directory Structure

2 Setting Up A Sample Project

- Artisan command to generate a controller
- Basic routing
- Call a controller method from a route
- Passing variables from controllers to views

3 HTML To Laravel Blade Syntax

- Display Images
- Make Anchor
- Displaying Variables
- Conditional Statements
- Loop in blade
- PHP functions

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Build Your Master Layout
Extending the Master Layout
Nested views
Include Views
Adding Assets

4 Using Forms & Gathering Input

Adding HTML 5 Package
Creating a Form using Blade Syntax
Validating user input
File Uploading
Error message handling
Encrypting and decrypting data
Preserving the Data

5 Using Controllers & Routes For URL

Introduction
Creating a basic controller
Making the controller as a routing
Using Route Groups
Using Route Resource

6 Database Connectivity

Introduction Model

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- Type of Database Using Eloquent ORM Model
- Convention
- Table Name
- Timestamp
- Using Model
- Display data from model in views
- Manage mass assignments
- CRUDS Operation (Create, Read, Update, Delete, Search Operations)
- Fluent
- Simple Query String
- Query Builder

7 Security & Session

- Removing Public From URL
- Sessions Effective

8 Laravel Project: News Portal

- Create a Database table for news project
- Create models for all database tables
- Define Model Relation
- Setup Admin Panel
- Create CRUDS for news, category inside the admin panel

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Create a controller to display news and category
Use laravel built in pagination on news listing page

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