

Full Stack Development with Laravel 13

Official Course Roadmap

🌐 Website: Ts-Developers.com

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◆ Module 1: Frontend Fundamentals (Weeks 1-4)

- Introduction to Web Development & Professional Tools Setup (**VS Code**)
- **HTML5 Essentials:** Semantic Tags, Forms, Media, and SEO basics.
- **CSS3 Styling:** Selectors, Layouts, **Flexbox**, **Grid**, and Custom Animations.
- **Mini Projects:** Building static web structures and responsive layouts.

◆ Module 2: Advanced Frontend & Modern UI (Weeks 5-8)

- **Bootstrap 5:** Building Mobile-First Responsive Designs and UI Components.
- **JavaScript Basics:** Variables, Functions, Loops, DOM Manipulation, and Events.
- **ES6+ Features:** Arrow Functions, Destructuring, Let/Const, and Template Strings.
- **Git & GitHub:** Version Control, Branching, and Collaborative Development.
- **Mini Projects:** Professional Landing Pages and Interactive Portfolios.

◆ Module 3: Dynamic Logic with JS & AJAX (Weeks 9-12)

- Advanced JavaScript: Working with Arrays, Objects, and Functional Programming.
- **jQuery Integration:** Efficient Selectors, Effects, and Third-party Plugins.
- **AJAX Fundamentals:** Understanding Asynchronous requests for seamless UX.
- **JSON Handling:** Introduction to Data Exchange formats.
- **Project:** Interactive UI with Dynamic Form validation.

◆ Module 4: Backend Core with PHP 8.4 (Weeks 13-16)

- PHP 8.4 Setup: Introduction to Modern PHP Syntax and Local Servers (XAMPP).
- **PHP Basics:** Syntax, Operators, Advanced Functions, and Type Hinting.
- Conditional Logic and Optimized Loops.

- **Data Security:** Working with Forms, User Input, and Data Sanitization.
- **File Handling:** Secure File Uploads, Reading, and Writing.
- **Project:** Developing a functional Contact Management System.
- ◆ **Module 5: PHP OOP, MySQL & API Mastery (Weeks 17–20)**
 - **Object-Oriented Programming (OOP):** Classes, Inheritance, and Interfaces.
 - **MySQL Database:** Professional Schema Design, Relationships, and Queries.
 - **CRUD Operations:** Building Create, Read, Update, and Delete logic.
 - **Postman Mastery:** Testing and Debugging APIs and Server Responses.
 - **JSON & APIs:** Encoding/Decoding data for modern Web Applications.
 - **Project:** Secure User Management System with Authentication.
- ◆ **Module 6: Laravel 13 Framework (Weeks 21–24)**
 - **Laravel 13 Architecture:** Understanding the new Directory Structure and MVC.
 - Advanced Routing, Controllers, and **Blade Templating Engine**.
 - **Eloquent ORM:** Handling Database Relationships like a pro.
 - **Middleware & Security:** Protecting Routes and User Sessions.
 - **Laravel with AJAX/JSON:** Building fast, reactive backend modules.
 - **Project:** Advanced Authentication System or Multi-user To-Do Application.
- ◆ **Module 7: Final Capstone Project (Weeks 25–32)**
 - **Full-Stack Implementation:** Developing a real-world SaaS application.
 - **Deployment:** Hosting the project on a **Live Server** at Ts-Developers.com.
 - **Testing & Debugging:** Ensuring application stability and performance.
 - **Paid Internship Opportunity:** Top graduates move to **TS-Dev Pvt Ltd**.
 - **Final Submission:** Professional Documentation, Presentation, and Certification.

Note: * **Duration:** 8 Months

- **Monthly Fee:** 8,000 PKR
- **Last Date to Apply:** 15 MAY (Apply Online via Website)