Layaraj TR

Motivated and adaptable IT professional with 2.5 years of experience as a **WordPress Developer**, recently upskilling as a **.NET Full Stack Developer** with basic knowledge in **ASP.NET Core MVC, Angular, Entity Framework, ASP.NET Core Web API, SQL Server** and hands on experience in HTML, CSS, JAVASCRIPT and Bootstrap. After a planned career break for family and child care, I am now actively rebuilding my career through continuous learning. Currently developing a **Student Management System** to apply and enhance full-stack development skills aligned with industry standards.

CERTIFIED COURSES

ASP.Net + Angular full Stack – Rogersoft Technologies Pvt Ltd. – *Kakkanad (May 2025 – October 2025)*

EXPERIENCE

Primemove Technologies Pvt, Kakkanad – *Wordpress Developer – 2017 January – 2017 July*

PHPNest Software Solutions, Muvattupuzha – *Wordpress Developer – 2015 January – 2017 January*

EDUCATION

Nirmala College, Muvattupuzha – *MCA*
2010 – 2013

Mar Athanasius College, Kothamangalam – *BSc. Chemistry*
2007 – 2010

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Portfolio:

https://trlayaraj.github.io/

LANGUAGES

English (Reading, Writing, Speaking)
Hindi (Reading, Writing)

SKILLS

ASP.Net Core Web API
ASP.Net Core MVC
Fluent API
DTA (Data Transfer Object)
Entity FrameWork Core
Angular
SQL Server
HTML
CSS
Javascript
Bootstrap5
Wordpress

ANGULAR SKILLS

Integrate with ASP.NET Web API, BehaviourSubject, Routing, AuthGuard, Typescript(Basic knowledge), Observables and Subscription, Data binding, Reactive Forms, Custom validator for reactive forms, angular pipes.

PROJECTS

Project Name: Student Management System

Description: Currently Developing a **full-stack web application** using **Angular** (frontend) and **ASP.NET Core Web API** (backend) with Entity Framework Core for database operations.

The system has three roles: admin, teachers, and students. Currently working in the admin section. The admin has the provision for CRUD operations (department, teacher, subject, batch/class, student).

Angular routing+authguard+JWT+localstorage ensure security to the system (in progress)

In the backend DTO (Data transfer object) is maintained for smooth communication between angular and EF

Key Learnings :

- Used lazy loading in angular frontend for performance
- Implemented JWT authentication and Angular route guards for security
- Used behavioursubject for live counts of departments, teachers, subjects etc.
- Added extra flag to prevent unwanted subscription of readonly observables that leads to memory leak when subscribed in oninit() of other components.
- While assigning subjects to the teacher the dropdown list

of subjects contains only the relevant subject to that selected teacher. (Not showing all the subjects available)
- Add subject, delete subject options are disabled in the admin section if the corresponding department is not added into the database.