PHP & Laravel Curriculum (Formal Document)

This curriculum is designed for structured PHP and Laravel training under GeekInk Innovation, delivered by Aqtris Tech. It assumes prior exposure to Git, GitHub, VS Code, and basic web concepts. The program focuses on backend development from PHP fundamentals to production-ready Laravel applications.

Program Structure

- Duration: 12 Weeks
- Schedule: 3 Days per Week
- Class Length: 2 Hours per Day
- Weekly Assignment Presentation Day

Weekly Breakdown

- Week 1: PHP Fundamentals I
- Week 2: Functions, Arrays & Forms
- Week 3: Sessions & Authentication
- Week 4: Database & PHP (PDO)
- Week 5: PHP Mini Project
- Week 6: Introduction to Laravel
- Week 7: Routing, Controllers & Blade
- Week 8: Database & Eloquent ORM
- Week 9: Authentication & Authorization
- Week 10: Validation, File Uploads & Mail
- Week 11: APIs & Security
- Week 12: Final Capstone Project

Capstone Project Requirements

- Authentication system
- Admin dashboard
- Database relationships
- API or Web Interface
- GitHub repository and live presentation

Assessment & Evaluation

- Weekly Projects – 60%
- Final Project – 30%

- Participation & Attendance – 10%