

Full Stack Development Internship Curriculum

15 Days Internship Curriculum:

- 1. Introduction to Web Development:**
 - Basics of client-side vs. server-side development
 - Overview of front-end, back-end, and full stack development
- 2. HTML & CSS Fundamentals:**
 - Structure and styling of web pages
 - Responsive design principles
- 3. JavaScript Basics:**
 - Variables, data types, and operators
 - Control flow and functions
 - DOM manipulation
- 4. Introduction to Git and Version Control:**
 - Basics of Git workflow
 - Creating repositories and committing changes
- 5. Introduction to Backend Development:**
 - Overview of server-side programming languages (PHP)
 - Understanding server architecture
- 6. Database Fundamentals:**
 - Introduction to databases (SQL)
 - Basics of database design and management
- 7. Practice Exercises:**
 - Hands-on coding exercises for each topic
 - Building simple web pages and applications

Full Stack Development Internship Curriculum

30 Days Internship Curriculum

8. **Advanced HTML & CSS:**
 - CSS frameworks (e.g., Bootstrap)
9. **Advanced JavaScript:**
 - ES6 features (arrow functions, template literals, etc.)
 - Asynchronous JavaScript (Promises, async/await)
10. **Backend Framework Introduction:**
 - Introduction to a backend framework (Laravel)
 - Routing and middleware concepts
11. **Introduction to Databases:**
 - CRUD operations with databases
 - Database integration with backend frameworks

45 Days Internship Curriculum

12. **Authentication and Authorization:**
 - User authentication techniques (sessions)
13. **Project:**
 - CRUD System

