

Web Developer Syllabus (2026)

□ 1. Fundamentals (Must Start Here)

☞ Without this, nothing works

- HTML5 (semantic tags, forms, SEO basics)
- CSS3
 - Flexbox
 - Grid
 - Responsive design (mobile-first)
- JavaScript (Core)
 - Variables, loops, functions
 - DOM manipulation
 - Events
 - ES6+ (arrow, promises, async/await)

✦ These 3 are called the “**core foundation**” of web development

2. Frontend Development

☞ What users see

- Advanced CSS (animations, Tailwind CSS)
- JavaScript (advanced concepts)
- Frontend Framework (choose one):
 - React (most popular)
 - Vue (alternative)
- Tools:
 - Git & GitHub
 - NPM / Package managers
 - Browser DevTools

✦ Frontend developers build responsive UI and interactive websites

3. Backend Development

☞ Server-side logic

- Language (choose one):
 - Node.js (JavaScript)
 - Python (Django / Flask)
 - PHP / Laravel
 - Concepts:
 - REST API
 - Authentication (login system)
 - Middleware
 - File handling
-

🗄️ 4. Database

📖 Store data

- SQL (MySQL / PostgreSQL)
 - NoSQL (MongoDB)
 - Learn:
 - CRUD operations
 - Relationships
 - Indexing
-

🔗 5. Full Stack Integration

📖 Connect frontend + backend

- API integration (fetch / axios)
- Build full apps:
 - Login system
 - Dashboard
 - CRUD app

★ Full stack developers handle frontend + backend + database

🔧 6. Tools & Workflow

- Git (version control)
- GitHub (portfolio)
- VS Code

- Debugging & testing
 - Linux basics (optional but useful)
-


7. Deployment & DevOps

- Hosting (Vercel, Netlify, AWS)
 - CI/CD basics
 - Docker (optional)
 - Domain & SSL
-


8. Modern 2026 Skills (Very Important)

 New trend

- AI tools (GitHub Copilot, ChatGPT)
- TypeScript
- Performance optimization
- Web security basics
- SEO fundamentals


 In 2026, AI-assisted coding is becoming standard in development

9. Projects (Most Important)

 Without projects → no job

Build at least 5–10 projects:

- Portfolio website
- Todo app
- Calculator
- Blog website
- E-commerce site

 Projects build real skills and confidence

□ 10. Extra (For Job / Career)

- Basic DSA (arrays, strings)
 - Problem solving
 - Communication skills
 - Freelancing basics
-

□ Suggested Timeline (2026)

- 1–2 months → Basics
- 3–4 months → Frontend
- 2–3 months → Backend
- 1–2 months → Projects + Deployment

☞ Total: **6–8 months (job-ready)** if consistent

🎯 Simple Path (Easy Version)

If you are confused, just follow this:

☞ HTML → CSS → JavaScript → React → PHP → MYSQL → Projects