

INDIA | UAE | CANADA | AUSTRALIA | MALAYSIA | HONG KONG | EUROPE REGION | OMAN

COUNTRYEDU PRIVATE LIMITED

GSTIN : 06AAJCC6151A1Z3 | CIN : U72900HR2021PTC096283

Email : query@countryedu.com, grievances@countryedu.com

Web Development Immersion Internship

Designed by: CountryEdu Private Limited

By CountryEdu Private Limited

(IT Managed Services & EdTech Solutions)

Program Objective :

To transform students into job-ready Web Developers capable of:

- Building modern, responsive, and interactive websites using frontend and backend technologies
- Understanding website architecture, UI/UX principles, and web application workflows
- Developing strong problem-solving and coding skills for real-world web development
- Gaining hands-on experience in website design, database integration, and deployment
- Learning industry-standard coding practices, debugging, and version control workflows
- Preparing students for careers in web development and software engineering

Program Structure :

- Duration: 12 Weeks (3 Months)
- Mode: Hybrid / Live / Classroom
- Tools Used: HTML5, CSS3, JavaScript, Bootstrap, PHP, MySQL, GitHub, VS Code
- Learning Model: Project-Based Learning Model
- Final Outcome: Ability to build and deploy real-world websites and web applications + Internship Certificate

MONTH 1 – WEB DEVELOPMENT FUNDAMENTALS

Week 1: Introduction to Web Development

- Introduction to Websites & Web Applications
- Understanding Frontend & Backend Concepts
- HTML Basics & Webpage Structure
- Forms, Tables & Media Elements
- Introduction to CSS
- Setting Up Development Environment

~ Outcome: Strong foundation in website development and webpage structure creation

Week 2: CSS & Responsive Web Design

- CSS Styling Fundamentals
- Colors, Fonts & Layouts
- Box Model & Positioning
- Flexbox & CSS Grid
- Responsive Web Design
- Bootstrap Framework Basics

~ Outcome: Ability to design responsive and visually appealing web pages

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Week 3: JavaScript Fundamentals

- Introduction to JavaScript
- Variables & Data Types
- Functions & Loops
- DOM Manipulation
- Events & Interactivity
- Form Validation Basics

~ Outcome: Ability to create interactive and dynamic web pages

Week 4: Advanced Frontend Development

- Navigation Bars & Responsive Components
- Animations & Transitions
- Media Queries
- Landing Page Design
- UI/UX Design Principles
- Website Optimization Basics

~ Outcome: Ability to build professional and mobile-friendly website interfaces

MONTH 2 – BACKEND DEVELOPMENT & DATABASE MANAGEMENT

Week 5: Introduction to Backend Development

- Introduction to PHP
- Server-side Scripting Basics
- Variables & Functions in PHP
- Form Handling using PHP
- Sessions & Cookies
- Error Handling Basics

~ Outcome: Ability to create dynamic backend functionality for websites

Week 6: Database Management with MySQL

- Introduction to Databases
- MySQL Fundamentals
- CRUD Operations
- Connecting PHP with MySQL
- Database Queries
- Data Management Basics

~ Outcome: Ability to integrate databases with web applications

Week 7: Full Website Integration

- Connecting Frontend with Backend
- User Authentication Basics
- Login & Registration Systems
- File Upload Handling
- Website Security Basics
- Full Website Workflow

~ Outcome: Ability to build complete dynamic web applications

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Week 8: GitHub & Deployment

- Git & GitHub Workflow
- Version Control Basics
- Debugging & Testing
- Hosting & Domain Basics
- Website Deployment
- Project Optimization Techniques

~ Outcome: Ability to professionally manage and deploy web applications

MONTH 3 – LIVE PROJECT & CAREER READINESS

Week 9–10: Web Development Project Development

Students work on real-world Web Development Projects such as:

- E-Commerce Website
- Blogging Website
- Student Management System
- Portfolio Website
- Online Quiz Application
- Business Website

Project Includes:

- Requirement Analysis
- UI & Database Planning
- Frontend & Backend Development
- Testing & Debugging
- Final Project Presentation

~ Outcome: Ability to build complete real-world web applications and websites

Week 11: Deployment & Professional Workflow

- Website Deployment Process
- Hosting & Server Basics
- Environment Configuration
- Project Documentation
- Portfolio Development
- GitHub Project Management

~ Outcome: Ability to professionally deploy and present web development projects online

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Week 12 : Interview & Career Preparation

- Web Development Technical Interview Preparation
- Resume & LinkedIn Optimization
- Mock Interviews
- Coding Challenges
- Freelancing & Internship Guidance
- Career Pathways (Web Developer, Frontend Developer, Backend Developer, Full Stack Developer)

~ Outcome: Placement-ready Web Developer with practical project experience

Key Skills Developed

- HTML5 & CSS3
- JavaScript Programming
- Responsive Web Design
- PHP & MySQL
- Database Integration
- Git & GitHub Workflow
- Website Deployment & Optimization

Target Roles After Completion

- Web Developer
- Frontend Developer
- Backend Developer
- Full Stack Developer
- PHP Developer
- Freelance Web Developer

Why This Program is Industry-Ready

- ✓ 100% Project-Based Learning
- ✓ Real-world Website Development Experience
- ✓ Frontend + Backend + Database Exposure
- ✓ Industry-standard Development Practices
- ✓ Portfolio & Career Preparation Included

From Beginner to Professional — Become a Web Development Expert in 3 Months.