

COUNTRYEDU PRIVATE LIMITED

GSTIN : 06AAJCC6151A1Z3 | CIN : U72900HR2021PTC096283

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

1-Month Web Development Immersion Internship

Designed by: CountryEdu Private Limited

By CountryEdu Private Limited

(IT Managed Services & EdTech Solutions)

Program Objective :

- Understanding modern web development concepts, technologies, and application architecture
- Developing expertise in frontend development, backend development, and database management
- Learning responsive web design, API integration, and dynamic website development
- Building scalable and user-friendly web applications using industry-standard technologies
- Understanding deployment workflows, version control, and web security fundamentals
- Preparing students for careers in Web Development, Full Stack Development, and Software Engineering

Program Structure :

- Duration: 4 Weeks (1 Month)
- Mode: Hybrid / Live / Classroom
- Tools Used: HTML5, CSS3, JavaScript, Bootstrap, Node.js, Express.js, MySQL, MongoDB, GitHub, VS Code
- Final Outcome: Full Web Application Project + Internship Certificate

Week 1: WEB DEVELOPMENT FUNDAMENTALS

- Introduction to Web Development
- Website Architecture & Components
- HTML5 Fundamentals
- CSS3 Styling & Layout Design
- Responsive Web Design Principles
- Development Environment Setup

~ Outcome: Strong foundation in web development concepts and responsive website creation.

Week 2: FRONTEND DEVELOPMENT & INTERACTIVITY

- JavaScript Fundamentals
- DOM Manipulation Techniques
- Event Handling & User Interaction
- Forms & Validation
- Bootstrap Framework Fundamentals
- Responsive UI Development

~ Outcome: Ability to create interactive and responsive web interfaces using modern frontend technologies.

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Week 3: BACKEND DEVELOPMENT & DATABASE MANAGEMENT

- Introduction to Node.js
- Express.js Framework
- Server Creation & Routing
- REST API Fundamentals
- Database Integration with MySQL & MongoDB
- CRUD Operations
- ~ Outcome: Ability to develop backend applications and manage data efficiently through databases and APIs.

Week 4: FULL STACK INTEGRATION & DEPLOYMENT

- Frontend & Backend Integration
- Authentication & Security Basics
- API Testing & Debugging
- Git & GitHub Version Control
- Website Deployment Fundamentals
- Industry Best Practices & Project Presentation
- ~ Outcome: Ability to build, test, and deploy complete web applications using professional development workflows.

LIVE PROJECT & CAREER READINESS

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

- E-Commerce Website
- Student Management Portal
- Online Learning Platform
- Business Portfolio Website
- Employee Management System
- Customer Relationship Management (CRM) Platform

Project Includes:

- Requirement Analysis & Planning
- Frontend UI Development
- Backend API Development
- Database Integration
- Testing & Deployment
- Final Project Presentation

~ Outcome: Hands-on experience in developing and deploying industry-level web applications using modern web technologies.

From beginner to job-ready — Become a Web Development Professional in 1 Month.