

COUNTRYEDU PRIVATE LIMITED

GSTIN : 06AAJCC6151A1Z3 | CIN : U72900HR2021PTC096283

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

3-Month 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:

- Build strong technical foundation
- Develop problem-solving skills
- Provide hands-on practical experience
- Prepare for industry requirements
- Make students job & internship ready

Program Structure :

- Duration: 12 Weeks (3 Months)
- Mode: Hybrid / Live / Classroom
- Tools Used: Visual Studio Code, Git, GitHub, Google Chrome , Code Pen
- Learning Model: Project-Based Learning
- Final Outcome: Fully Functional Web Application + Internship Certificate

MONTH 1 – WEB DEVELOPMENT & PROGRAMMING FOUNDATION

Week 1: Programming Fundamentals

- Introduction to HTML ,CSS and Javascript
- OOP concepts (Classes, Objects, Inheritance)
- Functions & Collections
- Exception Handling
- Clean coding practices

~ Outcome: Strong foundation in web development programming

Week 2: Web Development Basics

- Web architecture & lifecycle
- Activities & Fragments
- UI design using XML
- Intents & Navigation
- Material Design principles

~ Outcome: Ability to create multi-screen websites

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Week 3 : UI/UX & Layout Mastery

- ConstraintLayout & RecyclerView
- Custom UI components
- Dark mode & responsive design
- Handling user inputs & validation

~ Outcome: Build professional-looking websites

Week 4 : Data Handling & Local Storage

- Shared Preferences
- SQLite & Room Database
- Working with JSON data
- Background tasks & threading basics

~ Outcome: Websites that store and manage user data effectively

MONTH 2 – ADVANCED DEVELOPMENT & INTEGRATION

Week 5: API Integration & Networking

- REST API fundamentals
- Retrofit library
- Handling API responses
- Error handling & loading states

~ Outcome: Build Website that connect to live servers

Week 6 : Firebase & Authentication

- Firebase setup
- User Authentication (Email/OTP/Google)
- Firestore database
- Push Notifications

~ Outcome: Secure, real-time Website with cloud backend

Week 7 : Architecture & Best Practices

- Web architecture
- ViewModel & LiveData
- Dependency Injection basics
- Clean architecture principles

~ Outcome: Industry-level structured coding practices

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Week 8 : Performance & Testing

- Debugging tools
- Websites performance optimization
- Unit testing basics
- Security best practices

~ Outcome: Production-ready Websites

MONTH 3 – LIVE PROJECT & CAREER READINESS

Week 9–10: Major Project Development

Students build a real-world websites such as:

- E-commerce Website
- EdTech Learning Website
- Appointment Booking Website
- Task Management Website
- Business CRM Website

Project Includes:

- Requirement analysis
- UI wireframing
- Backend integration
- Testing & deployment readiness

~ Outcome: Fully functional Websites

Week 11 : Website Deployment & Monetization

- Web signing & APK generation
- Google Play Console basics
- Publishing web
- Web monetization
- ASO basics

~ Outcome: Web published on GitHub , Netlify , Vercel , Firebase Hosting , Hostinger.



www.countryedu.com



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Week 12: Interview & Professional Preparation

- Web technical interview prep
- Resume & GitHub portfolio optimization
- Mock interviews
- Freelancing & startup roadmap

~ Outcome: Placement & freelance-ready developer

Key Skills Developed

- Frontend development (HTML, CSS, JavaScript, ReactJs, NodeJs)
- Responsive web design
- Problem-solving and logical thinking
- Version control using Git and GitHub
- Project building and deployment skills

Target Roles After Completion

- Frontend Developer
- Web Developer
- Junior Software Developer
- UI Developer
- Web Designer

Why This Program is Industry-Ready

100% project-based

Cloud integration & authentication

Architecture-focused coding

Hands-on experience with industry tools and workflows

Real-world product development mindset

From zero to Play Store — Become a Professional Web Developer in 3 Months.