NS3 CAREER: WEB DEVELOPER

NS3EDU
Learn Today $ Earn Tomorrow

WELCOME TO NS3GROUP

FOUNDERS

NS3EDU.
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VISION

"To maximize fresher employability by bridging education with real-world opportunities through innovation and mentorship."

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Build the Future, One Pixel at a Time

In an era where every business is a digital business, the Web Developer is the architect of the modern world. At **NS3EDU**, we don't just teach you how to build websites; we teach you how to engineer scalable, high-performance web applications that solve real-world problems.

The NS3EDU Promise: Our Industry Based Curriculum (IBC) is updated every quarter to ensure you are learning the technologies that are currently "in-demand" by top tech hubs.

Module 1: Frontend Engineering (UI/UX Focus)

- **The Languages of the Web:** Master HTML5 (Semantics) and CSS3 (Flexbox, Grid, Animations).
- **Modern Styling:** Responsive design with Tailwind CSS and Bootstrap 5.
- **JavaScript (ES6+):** Deep dive into DOM manipulation, Asynchronous JS, Promises, and APIs.
- **Frontend Frameworks:** Comprehensive training in React.js (Hooks, Redux, Context API) or Angular.

Module 2: Backend Development (Architecture & Logic)

- **Server-Side Scripting:** Building robust servers with **Node.js** and **Express.js**.
- **RESTful APIs:** Designing and consuming secure, scalable APIs.
- **Authentication & Security:** Implementing **JWT (JSON Web Tokens)**, OAuth, and password hashing (Bcrypt).

- Python for Web: Introduction to Django or Flask for rapid backend development.

Module 3: Database Management & Cloud

- **NoSQL Databases:** Mastering **MongoDB** (Aggregations, Schema Design).
- **Relational Databases:** Structured data with **MySQL** or **PostgreSQL**.
- **Cloud Deployment:** Hosting applications on **Vercel**, **Netlify**, and **AWS (EC2/S3)**.
- **Version Control:** Professional workflow using **Git** and **GitHub**.

Beyond the Code

The "Internship-First" Approach

NS3EDU bridges the gap between learning and earning through our 45-day simulated internship. You will function as a "Junior Developer" within our internal dev-squad, working on:

- **E-Commerce Platform:** A full-scale store with payment gateway integration (Razor pay/Stripe).
- **Social Dashboard:** A real-time data visualization app using Socket.io for live updates.
- **SaaS Landing Page:** A high-conversion, SEO-optimized page built with **Next.js**.

PROFESSIONAL DEVELOPMENT PORTFOLIO

•Code Reviews: Get your GitHub repositories audited by senior developers.

•Soft Skills: Communication for developers, Agile/Scrum methodologies, and Jira training.

•The "Humanify" Workshop: We help you write technical content and documentation that sounds professional and authoritative.

The Path to Placement

Your Tech Stack Toolbox

•Core: HTML5, CSS3, JavaScript (ES6)

•Library/Framework: React, Next.js, Redux

•Backend: Node.js, Express, Python

•Database: MongoDB, SQL

•Tools: Git, Docker, Postman, Vercel

Career Outcomes

•Frontend Developer

•Backend Engineer

•MERN Stack Developer

•UI/UX Engineer

•Full-Stack Web Architect

Career Path & Placement Success

- **Junior Web Developer (0–2 Years):**

  Focus: Writing clean HTML/CSS, implementing basic JS logic, and fixing UI bugs.

  Salary Expectation: ₹4L – ₹8L per annum.

- **Full-Stack Engineer (2–5 Years):**

  Focus: Managing both frontend and backend systems, API integration, and database optimization.

  Salary Expectation: ₹8L – ₹15L per annum.

- **Senior Developer / Team Lead (5+ Years):**

  Focus: System design, mentoring juniors, and making architectural decisions for scalable apps.

  Salary Expectation: ₹15L – ₹25L+ per annum.

- **Technical Architect / CTO:**

  Focus: High-level strategy, security protocols, and defining the entire tech stack for an organization.