



FULL STACK DEVELOPMENT

CORPORATE TRAINING PROGRAM

LEARNING OUTCOMES



MERN+NEXT.JS

Build and deploy full-stack web applications using the MERN + Next.js ecosystem.



KNOWLEDGE

Gain end-to-end knowledge of frontend, backend, API, and cloud deployment.



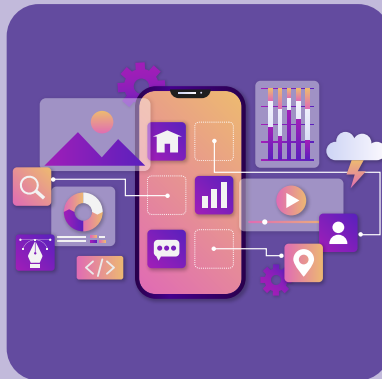
GIT/GITHUB

Collaborate using Git/ GitHub, version control, and Agile sprints.



LEARNING

Learn authentication, payment integration, REST APIs, and database design.



PROJECTS

Work on real-time, client-based industry projects.



APPLICATIONS

Deploy applications on AWS/VPS environments.



PORTFOLIO

Build a personal portfolio showcasing 15+ projects.



IMPROVEMENT

Improve soft skills, interview skills, and professional communication.



PLACEMENT

Receive placement guarantee and PPO (Pre-Placement Offer) opportunities.



**TIME TO
START**

WEEKLY CURRICULUM



Phase 1: Core Foundations (Weeks 1-4)

Week	Focus	Key Outcomes	Mini Projects
01	HTML, CSS, Responsive Design	Design adaptive layouts	Personal Portfolio UI
02	JavaScript (ES6+), DOM, Events	JS logic, manipulation	To-Do App
03	Git, GitHub, Branching, PRs	Version control & teamwork	Team Repo Collaboration
04	Tailwind/Bootstrap, Figma to Code	UI from design mockup	Startup Landing Page

Phase 2: Frontend Development (Weeks 5-8)

Week	Focus	Key Outcomes	Mini Projects
05	React Fundamentals	Components, Props, State	Counter App
06	React Router & Hooks	SPA navigation	Movie Browser
07	State Management (Context/Redux)	Centralized app state	Expense Tracker
08	API Integration, Error Handling	External data integration	Weather Dashboard

WEEKLY CURRICULUM



Phase 3: Backend Development (Weeks 9-12)

Week	Focus	Key Outcomes	Mini Projects
09	Node.js, Express Basics	Backend setup	REST Notes API
10	MongoDB & Mongoose	CRUD operations	Blog API
11	JWT Authentication	Secure login	Auth System
12	Middleware, File Uploads	API refinement	Image Upload API

Phase 4: Full Stack Integration (Weeks 13-16)

Week	Focus	Key Outcomes	Mini Projects
13	MERN Integration	Connect FE & BE	Full Stack To-Do App
14	Payment Gateway + OTP	Real app features	E-commerce Checkout
15	Deployment on VPS/AWS	Hosting & scaling	Blog Live Deployment
16	Next.js + SEO + SSR	Next-gen full stack	Next.js Portfolio

WEEKLY CURRICULUM



Phase 5: Advanced Topics & Real Projects (Weeks 17–20)

Week	Focus	Key Outcomes	Mini Projects
17	API Security, Postman Testing	Industry-level API handling	RESTful Team Project
18	Real-Time Apps (Socket.io), Redis Caching	Live data & scaling	Chat App
19	CI/CD, Docker, Env Configs	DevOps exposure	Deployment Pipeline
20	AWS Cloud, EC2, SSL	Cloud-based app	Live Client Project Kickoff

Phase 6: Project Development & Career Preparation (Weeks 21–24)

Week	Focus	Key Outcomes	Mini Projects
21-22	Live Major Projects	Team-based implementation	Major Project 2
23	Demo & Review Week	Code review, feedback	Presentation + Report
24	Soft Skills + Career Prep	Resume, Mock Interview	Job-Ready Portfolio

PROJECTS

MINI PROJECTS (12+)

- ◆ Personal Portfolio
- ◆ Expense Tracker
- ◆ To-Do App
- ◆ Weather Dashboard
- ◆ Git Collaboration Repo
- ◆ Notes API
- ◆ Startup Landing Page
- ◆ Blog API
- ◆ React Counter
- ◆ Auth System
- ◆ Movie Browser
- ◆ Image Upload API

MAJOR PROJECTS (12+)

- ◆ **E-Commerce Platform** - MERN Stack + Razorpay Integration
- ◆ **Real-Time Chat App for Customer support** - Socket.io + MongoDB + Next.js
- ◆ **Live Industry Project** - Work on actual client-based system hosted on AWS/VPS

BONUS WORKSHOPS

(WORTH ₹15,000 — FREE FOR ENROLLED LEARNERS)

Workshop	Value	Included
Resume Building Masterclass	₹5,000	Free
Interview Preparation & Communication	₹5,000	Free
Mock Technical & HR Interviews	₹5,000	Free
12+ Industry Expert Talks & Tech Sessions	₹5,000	Free

These workshops enhance career readiness and provide insider insights from working professionals in top companies.



TEAM COLLABORATION & REVIEW WEEKS

01
Git-based teamwork
(Branching, PR, conflict resolution)

02
Agile sprint reviews & code demos

03
Mentorship sessions
by senior developers

04
Peer evaluation & feedback system

PLACEMENT & CAREER SUPPORT MODULE

100% PLACEMENT GUARANTEE

Participants completing all modules, assignments, and major projects will receive:

Guaranteed Placement Assistance
until placed

1:1 Career Mentorship and Profile Optimization Sessions

Mock Technical Interviews
by UrsTech's engineering team

Access to exclusive job network & referrals

PPO OPPORTUNITY (PRE-PLACEMENT OFFER)

Top 10% performers get direct job or internship offers at UrsTech Solution or partner tech startups.

CERTIFICATION DETAILS

- **Certificate of Completion:** Full Stack Development (MERN + Next.js)
 - **Issued By:** UrsSkill (A Division of UrsTech Solution)

BONUS CERTIFICATES

- **Live Industry Project Certificate**
- **Soft Skills & Interview Excellence Certificate**

SUMMARY SNAPSHOT

Category	Details
Mode	Offline (Corporate Live Training)
Duration	6 Months (24 Weeks)
Schedule	3 Days/Week · 2 Hours/Day
Fee	₹ 79,865/-
Projects	12+ Mini, 3+ Major (1 Live Client Project)
Placement	100% Assistance + PPO Offers
Bonus Workshops	Resume, Interview, Mock HR/Tech, Industry Talks - Free