

# CERTIFICATION IN FULL STACK DEVELOPMENT WITH GEN AI



20<sup>th</sup> September 2025

# COURSE OVERVIEW

- 01 **India's First Career-Focused FSD Program with Gen AI Integration**
- 02 **220+ hours of blended learning**
- 03 **30+ Mini Projects & 1 Capstone Project, 50+ Case Studies**
- 04 **44 hours of cutting-edge GenAI tools for FSD workflows**
- 05 **Dual NASSCOM and Career247 Certification**
- 06 **100% Career Assistance**
- 07 **Batch starts on 20th September 2025**

## FEATURES

- ▶ **220+ Hours of expert training**  
GenAI – India's 1st program with 44 hrs of GenAI training built into 220 hrs of full stack learning
- ▶ **Access to Prelnsta Prime Course Lib**  
Learn the latest strategies and tools used by top Full Stack Developers.
- ▶ **Case Studies and Project Based Learning**  
30+ Mini Projects and 50+ Case Studies for real world application.
- ▶ **10 Lakh+ jobs**  
Unlock 10L+ job opportunities in Full Stack Development with expert training and hands-on experience.

# PROGRAM HIGHLIGHTS

- ▶ **Global Curriculum with Latest GenAI Tools**  
India's 1st program with 44 hrs of GenAI training built into 220 hrs of full stack learning.
- ▶ **Case Studies and Project Based Learning**  
30+ Projects and 50+ Case Studies for real world application
- ▶ **25+ Tools to Master**  
Get hands-on training on essential FSD and GenAI tools for integrated workflows
- ▶ **Industry-End orsed Certification**  
Receive two certificates from Career247 and NASSCOM to boost employability
- ▶ **Affordable Education**  
Best in class training at unmatched pricing to make quality education affordable for all

## FULL STACK DEVELOPMENT CURRICULUM MODULE 1

### HTML AND CSS + AI

- 01 HTML5 semantics, forms, tags, tables
- 02 CSS styling, Flexbox, Grid, media queries
- 03 Responsive layouts & media breakpoints
- 04 CSS animations, transitions, transforms
- 05 Semantic elements & accessibility design
- 06 Positioning: relative, absolute, fixed, sticky

- 07 Box model & layout debugging
- 08 Typography & color schemes
- 09 Page structuring with semantic flow
- 10 Trae AI integration for UI code suggestions

## PROJECTS:

### ADD ANIMATION EFFECTS TO A PHOTO GALLERY | BUILD A RESPONSIVE

## HTML FORM LAYOUT

### MODULE 2

## JAVASCRIPT + AI

- 01 JS syntax, loops, functions, scope, DOM
- 02 Objects, arrays, callbacks
- 03 Built-in methods: Math, Date, String
- 04 Closures, lexical scope, hoisting
- 05 Promises & async handling
- 06 DOM manipulation: querySelector, events
- 07 Form validation with JS
- 08 LocalStorage & data persistence
- 09 Error handling with try/catch
- 10 ChatGPT for syntax debugging & logic aid



## PROJECTS:

**NUMBER GUESSING GAME | CART SYSTEM |  
JS PRODUCT CATALOG MANAGER**

### MODULE 3

#### DATA STRUCTURES & ALGORITHMS

- 01 Time & space complexity (Big O)
- 02 Arrays, strings, 2D arrays
- 03 Recursion & backtracking
- 04 Sorting: merge, quick, insertion
- 05 Searching: linear, binary
- 06 Stacks, queues, linked lists
- 07 Trees: BSTs, traversals
- 08 Graphs: DFS, BFS
- 09 Hashing, sliding window
- 10 AI practice assistants for Leetcode/HackerRank

## PROJECTS:

**RECURSION VISUALIZER | DSA INTERVIEW  
TOOLKIT**

### MODULE 4

#### REACT JS + AI

- 01 React fundamentals (JSX, components)
- 02 State & props

- 03 Hooks: useState, useEffect
- 04 Routing with React Router
- 05 Context API & Redux basics
- 06 Forms & validation
- 07 API calls with axios
- 08 UI Libraries (Tailwind, Material UI)
- 09 Perplexity AI, GitHub Copilot for components
- 10 Replit Ghostwriter for realtime assistance

## PROJECTS:

### TO-DO MANAGER | PORTFOLIO SITE | REACT DASHBOARD

## MODULE 5

### NODE JS + AI

- 01 Node basics & CommonJS
- 02 Setting up servers
- 03 File system & process
- 04 JSON parsing
- 05 Environment variables
- 06 Nodemon setup
- 07 Middleware intro
- 08 Trae AI IDE for boilerplate code
- 09 AskTheCode for error handling tips
- 10 API mocking with dummyJSON

## PROJECTS:

# JSON API SERVICE | CUSTOM BACKEND LOGGER

## MODULE 6

### EXPRESS.JS

- 01 Express setup
- 02 Routing & controllers
- 03 Middleware architecture
- 04 Request & response objects
- 05 Params & queries
- 06 Error middleware
- 07 API testing (Postman)
- 08 Basic auth intro
- 09 Rate-limiting & CORS
- 10 Logging requests

## PROJECTS:

# REST API FOR BLOG | EXPRESS AUTH APP MODULE 7

### DBMS AND MONGODB + AI

- 01 MongoDB setup & Compass
- 02 Schema design & validation
- 03 Mongoose models & methods

- 04 **CRUD operations**
- 05 **Aggregation pipelines**
- 06 **Relationships & populate**
- 07 **Token-based auth (JWT)**
- 08 **Session handling & security**
- 09 **GitHub Copilot for DB queries**
- 10 **Cursor AI DB debugging inside IDE**

## **PROJECTS:**

# **AUTH-ENABLED DB APP | PRODUCT DB API**

### **MODULE 8**

- ▶ **NoteMaster: Mac-Style Text Editor**  
A simple app for writing, editing, and saving notes quickly.
- ▶ **BlogSphere: Medium-Style Blogging Platform**  
Create, share, read, comment, and manage personal blogs easily.
- ▶ **LinkShrink: URL Shortener & Tracker**  
Convert long URLs into short links with click analytics.
- ▶ **InstaShare: Social Photo Sharing App**  
Post, follow, like, comment, and stay updated with friends' photos.
- ▶ **ShopAdmin: Amazon-Like Product Management System**  
Admin dashboard to manage products, orders, and customer data.
- ▶ **StudentHub: Community Chat for Students**  
Group and private messaging with file sharing and topic channels.



# MODULE 9

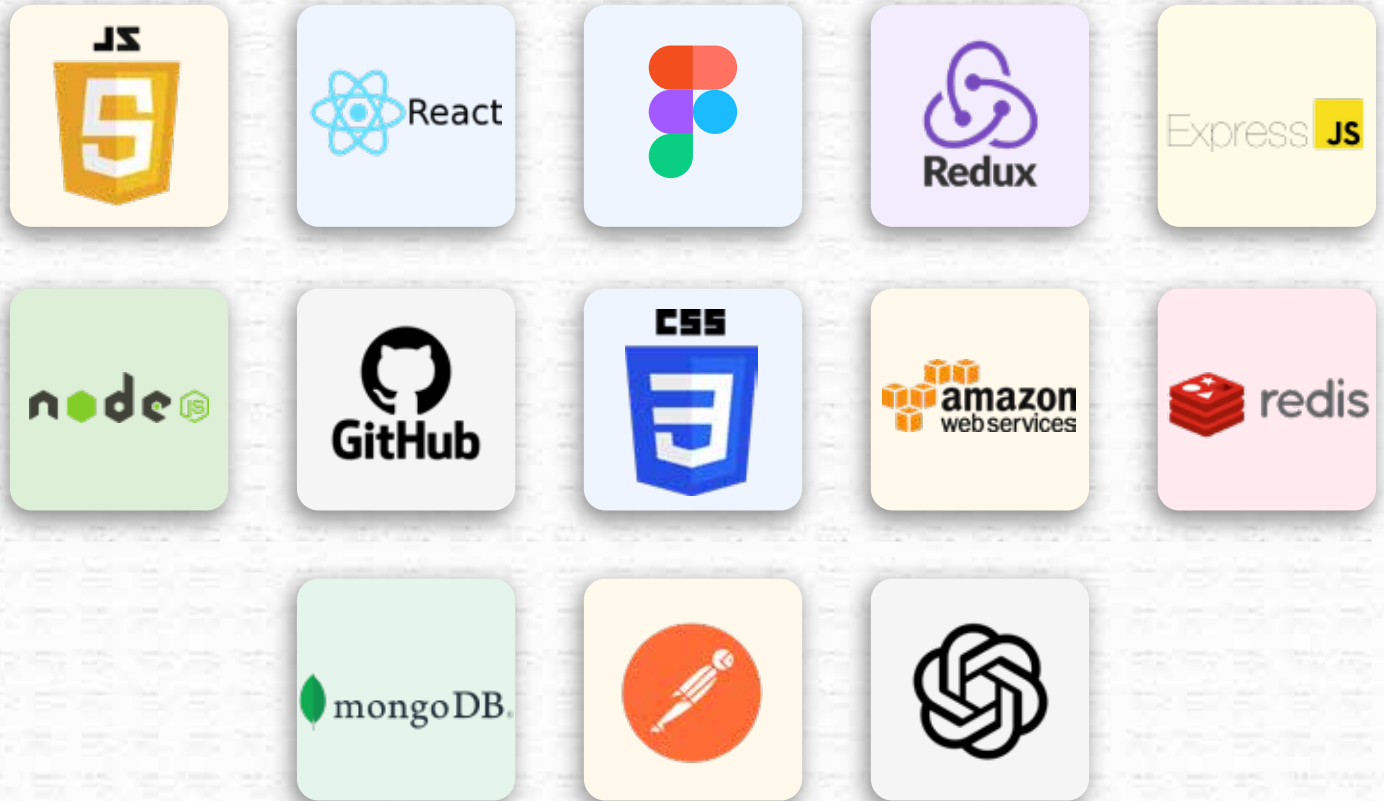
## CAREER ASSISTANCE

- 01 Aptitude Training
- 02 Core Quant + Smart Arithmetic
- 03 Visual + Verbal Reasoning
- 04 Decision-Making & Probability
- 05 Grammar and Comprehension
- 06 Communication Skills
- 07 Business Writing
- 08 Resume Building
- 09 LinkedIn Profile Optimization & Interview Preparation

## 12+ TOOLS YOU WILL MASTER

- |    |                 |    |                           |
|----|-----------------|----|---------------------------|
| 01 | JavaScript (JS) | 09 | Amazon Web Services (AWS) |
| 02 | React           | 10 | Redis                     |
| 03 | Figma           | 11 | MongoDB                   |
| 04 | Redux           | 12 | Postman                   |
| 05 | Express.js      | 13 | OpenAI                    |
| 06 | Node.js         |    |                           |
| 07 | GitHub          |    |                           |
| 08 | CSS3            |    |                           |

# 12+ TOOLS YOU WILL MASTER



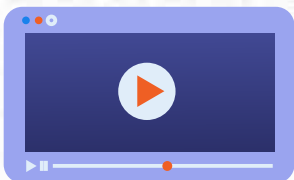
## PROJECTS YOU WILL DO

- 01 **NoteMaster: Mac-Style Text Editor**
- 02 **BlogSphere: Medium-Style Blogging Platform**
- 03 **LinkShrink: URL Shortener & Tracker**
- 04 **InstaShare: Social Photo Sharing App**
- 05 **ShopAdmin: Amazon-Like Product Management System**
- 06 **StudentHub: Community Chat for Students**

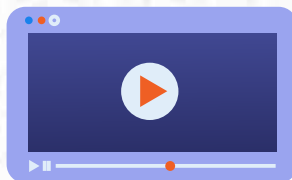
# GET ACCESS TO 200+ SKILLING COURSES

- 01 Python
- 02 Data Science
- 03 DSA all languages
- 04 Competitive Coding
- 05 Interview Prep
- 06 NLP and Deep Learning
- 07 Pandas
- 08 C, C++
- 09 AI/ML
- 10 GitHub
- 11 Aptitude, etc.

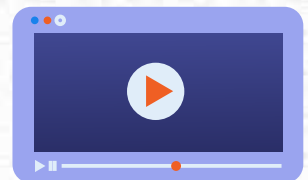
## DEMO VIDEOS



**VIDEO 1**



**VIDEO 2**



**VIDEO 3**

# CAREER ASSISTANCE PROCESS

Career qualification is necessary to access the Career Services Team. Job opportunities depends upon market conditions, hiring trends and candidate performance and feedback

## QUALIFICATION CRITERIA TO ACCESS CAREER SERVICES:

- ▶ 80% passing criteria across all assessments and projects
- ▶ Passing the mock interview sessions by respective faculty/mentor
- ▶ 80% attendance across our programs
- ▶ Excellent academic scores with more than 60% and above across graduation marks
- ▶ Experience between 0-3 years preferably in technology or data management domain

## WHO SHOULD DO FULL STACK DEVELOPMENT COURSE

- ▶ **Final-year students or recent graduates**  
Ready to start a career in tech with formal training and certification.
- ▶ **Self-taught programmers wanting structure and certification**  
Gain structured learning and a recognized certification to boost your skills.



## ► Working professionals seeking a switch to tech

Transition smoothly into the tech industry with specialized training.

## ► Non-tech backgrounds exploring Gen AI + development roles

Explore new opportunities in Gen AI and development with no prior tech experience.

# WHY CHOOSE CAREER247?

- 01 Resume & Interview Prep
- 02 Mock Interviews
- 03 Company Assessments
- 04 Soft Skills Training

## EARN YOUR FULL STACK DEVELOPMENT CERTIFICATE



# LEARN FROM TOP INDUSTRY EXPERTS



**Gaurav Pandey** 8+ YOE  
Career24 / FSD Faculty and  
Assessment Head



**Lakahan Shrivastav** 5+ YOE  
Python Consultant and  
Backend Developer

## PROGRAM FEES

Program fees include tuition, materials, and other resources. Flexible payment options or scholarships may be available to eligible students.

- 01 5 month cohort based learning
- 02 220+ Hour of Live Virtual Training
- 03 50+ Hours of Instructor Videos
- 04 30+ Mini Projects + 1 Capstone Project and 50+ Case Studies
- 05 Career Assistance
- 06 Learn & Work with Top 1% in the industry
- 07 Financing Options available
- 08 Program Fees ₹ 50,000/- Inclusive of all taxes

## WE ARE PARTNERED WITH TOP FINANCE COMPANIES

The logo for Propelld, featuring a blue triangle pointing up and to the right, followed by the word "Propelld" in a dark blue sans-serif font.

**PROPELLED**

The logo for Bajaj Finserv, featuring a blue square with a white circle containing a stylized 'B', followed by the words "BAJAJ FINSERV" in white sans-serif font.

**BAJAJ FINSERV**

The logo for JODO, featuring the letters "JODO" in a stylized font where the "O"s are yellow circles with blue outlines, and the "J" and "D" are blue.

**JODO**

## FREQUENTLY ASKED QUESTIONS

### What is this Full Stack Development course about?

This immersive 220+ hour program prepares learners to become job-ready Full Stack Developers. It combines front-end and back-end web development using the MERN stack (MongoDB, Express, React, Node.js), along with Gen AI integration, career readiness modules, and hands-on training through projects and real-world case studies. The course includes 220+ hours of live virtual training, 44+ hours of self-paced videos, 50+ case studies, and 30+ mini projects.

### Who should enroll in this course?

This course is ideal for final-year students, recent graduates, self-taught programmers, career changers, and professionals from non-tech backgrounds who are looking to build a tech career using Full Stack Development and Gen AI skills.



## What are the key benefits of this program?

- 01 30+ mini projects & 50+ case studies for real-world exposure
- 02 Learn latest Gen AI tools like GitHub Copilot, ChatGPT, Codex
- 03 100% career assistance
- 04 Dual certification from NASSCOM and Career247
- 05 Hands-on training with MERN stack, DSA, CI/CD, and deployment
- 06 Learn in both English and Hindi (for accessibility across India)

## How does this course differ from competitors?

This is India's first FSD course integrated with Gen AI. It offers practical learning with real-world tools, prompt engineering, and AI-enhanced workflows. It also includes a project-driven curriculum, mock hiring processes, and tools like ChatGPT, Github, Copilot, and Cursor AI extensions.

## Who are the faculty members?

The faculty consists of experienced developers and industry experts like Gaurav Pandey (Career247 FSD Faculty and Assessment Head), who bring deep experience in software development and teaching.

## PROGRAM STRUCTURE AND CURRICULUM

## What are the prerequisites for enrolling?

There are no strict prerequisites. Basic computer literacy and a passion for learning programming are recommended.



## What topics are covered in the program?

The curriculum includes:

- 01 Frontend: HTML, CSS, JavaScript, React
- 02 Backend: Node.js, Express.js
- 03 Databases: MongoDB
- 04 Data Structures & Algorithms (DSA)
- 05 Deployment: CI/CD, GitHub, DevOps basics
- 06 Gen AI: Prompt engineering, AI-driven UI, code generation, testing automation
- 07 Career Readiness: Aptitude, resume, LinkedIn, mock interviews

## What is the course duration and format?

The course runs for 5 months with live virtual classes held 4 days a week (Thurs–Sun, 7 PM to 9:30 PM IST). It also includes access to recorded sessions, a self-paced video library, and hands-on assignments.

## Will I receive a certification?

Yes. You will receive a Certificate of Completion from Career247 and an industry-endorsed certification from NASSCOM upon clearing the required assessments and meeting attendance criteria.

## Are there any real-world projects?

Yes. You'll build 30+ mini projects such as:

- 
- 01 **NoteMaster (Text Editor)**
  - 02 **BlogSphere (Blog Platform)**
  - 03 **LinkShrink (URL Shortener)**
  - 04 **InstaShare (Photo Sharing App)**
  - 05 **ShopAdmin (Product Management Dashboard)**
  - 06 **StudentHub (Community Chat App)**

These projects are designed to demonstrate your end-to-end full stack skills.

## **What tools and platforms will I learn?**

You will gain hands-on experience with tools such as: HTML, CSS, JavaScript, React, Bootstrap, Figma, MUI, Toastify, MongoDB, Redis, JWT, Git, GitHub, VSCode, AWS, Postman, ChatGPT, GitHub Copilot, Perplexity, Cursor AI, Trea AI, Zencoder

## **How long does the program take to complete?**

It is a 5-month cohort-based program with live sessions and self-paced modules.

## **Is this a weekday or weekend program?**

Classes are conducted 4 times per week — Thursday, Friday, Saturday, and Sunday — from 7:00 PM to 9:30 PM.

## **What is the passing criteria for the program?**

- Attend at least 80% of live sessions
- Score at least 80% in assignments and assessments
- Clear mock interviews based on instructor feedback

## What is the language of instruction?

Live sessions will be conducted in both English and Hindi, while self-paced content will be in English.

## PLACEMENTS AND CAREER

### How will this course help my career?

This course is designed to make you industry-ready by building real-world skills in web development and Gen AI. With 100% career assistance, mock interviews, and career mentorship, learners are supported through their job search process.

### What are the expected salary ranges for full stack developers?

Freshers: ₹5–10 LPA

Mid-career (3–5 years): ₹10 LPA (avg)

Experienced (5+ years): ₹20 LPA+ Salary will vary based on role, location, and

### What career opportunities are available after this course?

You can pursue roles such as:

- 01 Full Stack Developer
- 02 Frontend/Backend Developer
- 03 Application Developer
- 04 Software Engineer
- 05 DevOps or Cloud Integration Engineer
- 06 QA/Test Engineer



## Which companies hire full stack developers?

Top recruiters include:

- 01 Tech Giants: Google, Amazon, Microsoft, Meta
- 02 Indian IT Firms: TCS, Infosys, Wipro, HCLTech
- 03 Startups: Razorpay, Groww, Zomato, Meesho
- 04 SaaS Companies: Zoho, Postman, Freshworks, BrowserStack

## What is the career assistance process?

Top recruiters include:

- 01 Resume building and LinkedIn profile optimization
- 02 1:1 mock interviews and GitHub reviews
- 03 Aptitude and communication skill training
- 04 Career counseling and mentor support

## What are the eligibility criteria for career assistance?

To be eligible, learners must:

- 01 Attend at least 80% of live sessions
- 02 Score 80%+ in assignments and assessments
- 03 Clear mock interviews with faculty feedback

## Do you guarantee placements?

We provide career assistance, not guaranteed jobs. While we offer interview opportunities and career support, final hiring decisions rest with the recruiters.



## What is the starting salary you can promise upon placements?

Salary depends on your skill, project work, interview performance, and the hiring company. Based on current trends, freshers can expect ₹5–10 LPA.

## FEES AND ENROLLMENTS

### What is the course fee?

The total fee is ₹50,000/- (inclusive of all taxes). Financing options and No Cost EMI plans are available

### Are there any scholarships available?

Yes, scholarships are offered to deserving candidates based on merit or financial need. Please contact our admissions team for details.

### Is there a discount on the course fee?

We offer limited-time discounts and promotions. Contact our team to check ongoing offers.

### What is the refund policy?

Refunds are governed by our terms and conditions. Please contact support for specific information.

### Will I have access to course materials after completion?

Yes, all course materials will remain accessible for 6 months post-completion.

# TECHNICAL AND SUPPORT QUERIES

## How can I get doubts resolved?

- 01 Weekly live doubt-clearing sessions
- 02 24/7 email and peer forum support
- 03 Mentor check-ins during the course

## Will I get 1:1 mentorship?

While mentorship is not daily, you'll receive personalized feedback, project guidance, and mock interviews with experts.

## What happens if I miss a live session?

All sessions are recorded and available for playback on our LMS.

## How long will I have access to the course materials?

You will retain access to the platform for 6 months post-program.

## Will I receive any books or printed handouts?

No printed materials are provided. All content is digital and available 24/7 through the LMS.