



Full Stack Development *with Gen AI*

Launch Your **Full Stack Developer** Career In 5
Months – **Gen AI-Powered from Day 1**



Hands-On FSD Meets the Power of Generative AI.



220+ hours of live virtual learning



30+ Mini Projects & 1 Capstone Project



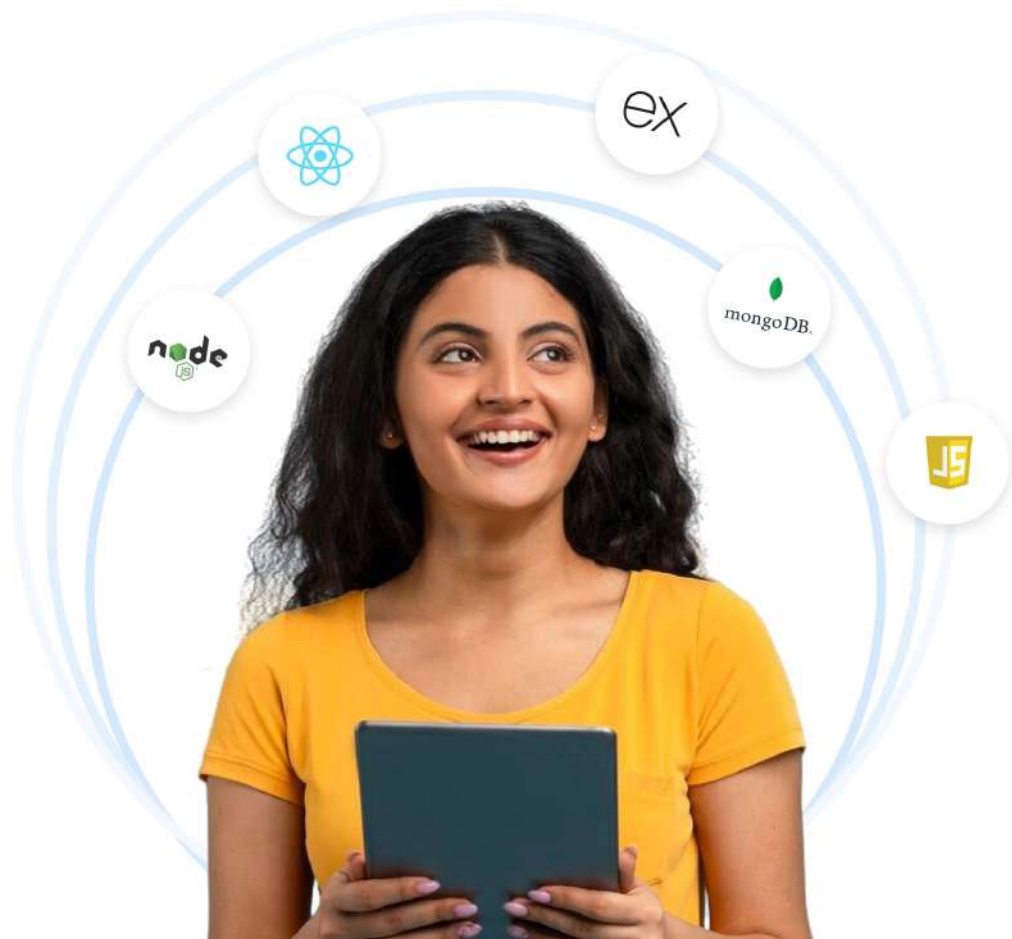
44 hours of cutting-edge GenAI tools for FSD workflows



50+ Hours of self paced videos



100% job assistance and carrer guidance






Industry *Landscape*

Traditional full stack development is evolving rapidly.

With AI transforming how code is written, tested, and deployed — developers need to go beyond the basics to stay relevant. This program blends foundational full stack skills with cutting-edge GenAI tools to prepare future-ready engineers.

FSD Developers with Gen AI knowledge are in high demand

			
Estimated 3 million+ developer jobs in India by 2030, with full stack roles among the fastest growing	68% of hiring managers now prioritize candidates familiar with GenAI tools like Copilot, ChatGPT, or LangChain for full stack roles.	5x surge in job postings on Naukri and LinkedIn mentioning "GenAI" or "Copilot" in Full Stack JD keywords	Full Stack developers using GenAI complete coding tasks 30-50% faster

Roles in FSD You Can Apply for

Full Stack Developer – MERN Stack	Front-end/Back-end Developer	Software Engineer
DevOps or Cloud Integration Engineer (with additional specialization)	Tester	Application Developer

Top Employers Hiring Full Stack Developers

							Global MNCs with India dev hubs.
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High Paying *Salaries*

Average Pan India: ₹ 10 LPA

₹5 LPA

Fresher

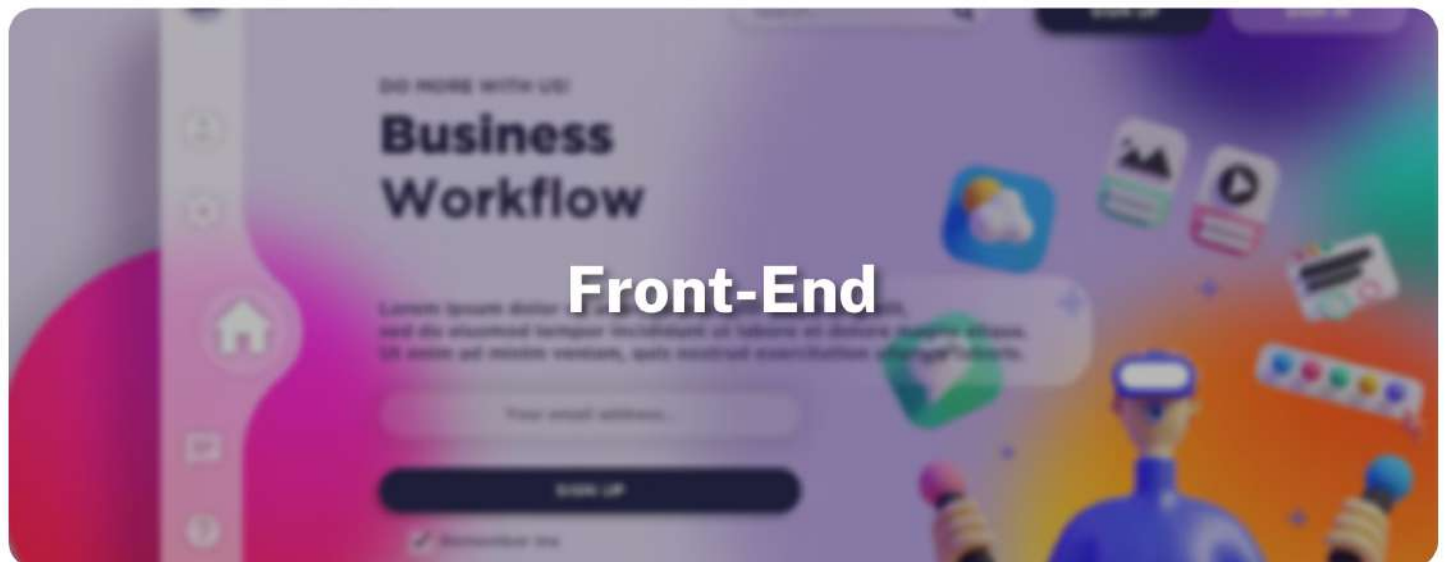
₹10 LPA

Mid Career
(3-5 years)

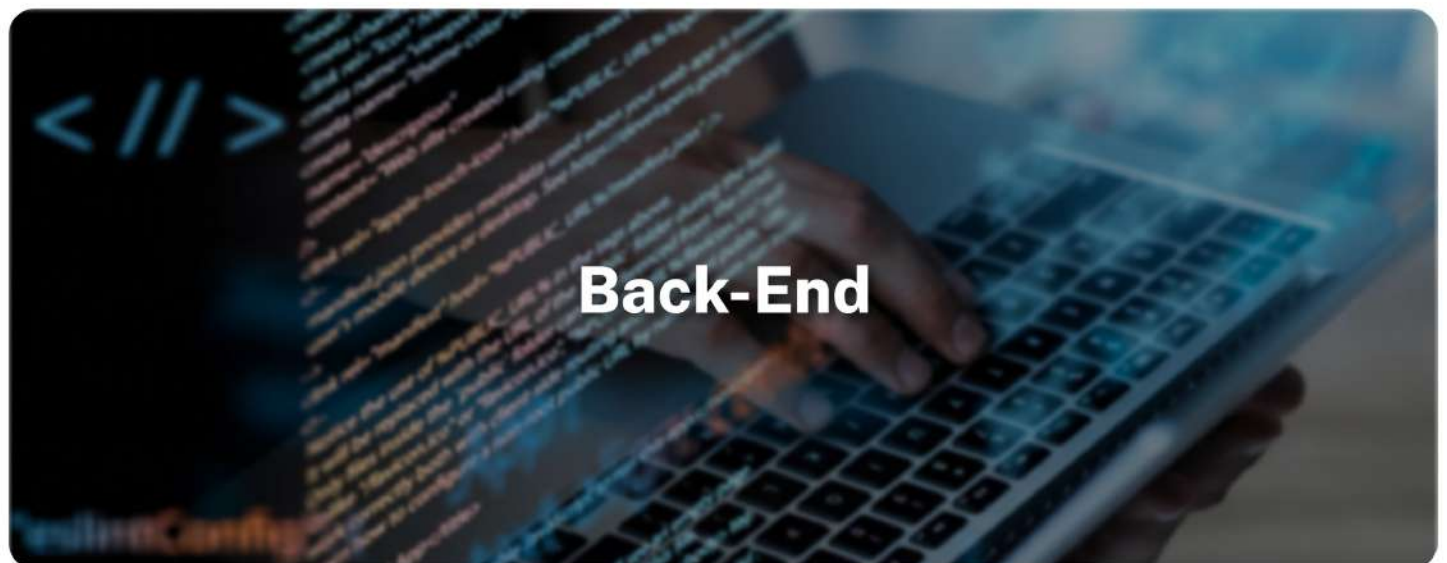
₹20 LPA

Experienced
(5+ Years)

Hybrid & remote roles growing fast – over 40% of FSD jobs now offer flexible work setups.



Front-End



Back-End

About the *Program*

The Full Stack Development with Gen AI course is a 220+ hour industry-first program blending traditional MERN stack training with cutting-edge GenAI tools.

From front-end to backend, learners master full stack development while building AI-assisted apps, acing coding interviews, and graduating with a job-ready portfolio.

Core Takeaways:

Build MERN applications with authentication & deployment



Master DSA & problem-solving for top interviews




Integrate Gen AI into development workflows




Present a polished GitHub & LinkedIn portfolio




360 Degree View Of *Full stack development 2.0*




Frontend + Backend integration mastery




Cloud deployment & CI/CD pipelines




Data Structures and Algorithms (DSA)




Databases



Github



Gen AI for FSD



Placement Readiness

Key *Highlights*



GEN AI-POWERED FULL STACK DEVELOPMENT- FIRST OF ITS KIND IN INDIA

- 220+ hours of industry-aligned training for ample job opportunities
- Covers MERN stack, DSA, Soft skills and Career prep
- 44 Hours of Gen AI training for full stack developers
- Hands-on project-based curriculum



1 CAPSTONE PROJECTS + 50+ CASE STUDIES FOR EXPERIENTIAL LEARNING

- Learning by Doing Methodology to build mastery
- 30+Mini-Projects for Hands-on Learning
- 1 Capstone Project (App Build, DSA Sprint, Gen AI Portfolio, Mock Hiring)
- 50+ Case Studies (Netflix, Amazon, Canva AI, Razorpay etc.)



50+ HOURS OF SELF PACED VIDEO LIBRARY

- 50+ Hours of engaging learning videos
- Access to our skilling library with 200+ courses for self development



INDUSTRY MENTORSHIP

- Industry Guest Lectures
- Doubt Clearing Sessions
- Career Mentorship



24/7 LEARNING ON THE GO

- Centralized learning on our learning platform
- Access class recordings at any time, even if you miss a class
- Peer and social learning

Industry-Leading Tools

You Will Master

Throughout the program, learners will gain hands-on experience with **leading Full Stack Development tools along with GenAI tools**, widely used across industries.

Tools You Will Master

Front-End



Back-End



DevOps & Deployment



Testing



Gen AI Tools



Industry-First *Curriculum*

Module 1

(HTML and CSS + AI) (Duration: 22 Hrs)

- | | |
|---|---|
| 1. HTML5 semantics, forms, tags, tables | 8. Typography & color schemes |
| 2. CSS styling, Flexbox, Grid, media queries | 9. Page structuring with semantic flow |
| 3. Responsive layouts & media breakpoints | 10. Trae AI integration for UI code suggestions |
| 4. CSS animations, transitions, transforms | |
| 5. Semantic elements & accessibility design | |
| 6. Positioning: relative, absolute, fixed, sticky | |
| 7. Box model & layout debugging | |

Project:

Add animation effects to a photo gallery | Build a responsive HTML form layout

Module 2

(JavaScript + AI) (Duration: 22 Hrs)

- | | |
|--|--|
| 1. JS syntax, loops, functions, scope, DOM | 8. LocalStorage & data persistence |
| 2. Objects, arrays, callbacks | 9. Error handling with try/catch |
| 3. Built-in methods: Math, Date, String | 10. ChatGPT for syntax debugging & logic aid |
| 4. Closures, lexical scope, hoisting | |
| 5. Promises & async handling | |
| 6. DOM manipulation: querySelector, events | |
| 7. Form validation with JS | |

Project:

Number guessing game | Cart system | JS product catalog manager

Module 3

(Data Structures & Algorithms) (Duration: 78 Hrs)

- | | |
|-------------------------------------|---|
| 1. Time & space complexity (Big O) | 8. Graphs: DFS, BFS |
| 2. Arrays, strings, 2D arrays | 9. Hashing, sliding window |
| 3. Recursion & backtracking | 10. AI practice assistants for Leetcode/HackerRank |
| 4. Sorting: merge, quick, insertion | |
| 5. Searching: linear, binary | |
| 6. Stacks, queues, linked lists | |
| 7. Trees: BSTs, traversals | |

Project:

Recursion visualiser | DSA Interview toolkit

Industry-First *Curriculum*

Module 4

(React JS + AI) (Duration: 24 Hrs)

1. React fundamentals (JSX, components)
 2. State & props
 3. Hooks: useState, useEffect
 4. Routing with React Router
 5. Context API & Redux basics
 6. Forms & validation
 7. API calls with axios
 8. UI Libraries (Tailwind, Material UI)
 9. **Perplexity AI, GitHub Copilot** for components
 10. **Replit Ghostwriter** for realtime assistance
- Project:**
- To-do manager | Portfolio site | React dashboard

Module 5

(Node JS + AI) (Duration: 4 Hrs)

1. Node basics & CommonJS
 2. Setting up servers
 3. File system & process
 4. JSON parsing
 5. Environment variables
 6. Nodemon setup
 7. Middleware intro
 8. **Trae AI IDE** for boilerplate code
 9. **AskTheCode** for error handling tips
 10. API mocking with dummyJSON
- Project:**
- JSON API service | Custom backend logger

Module 6

(Express.js) (Duration: 4 Hrs)

1. Express setup
 2. Routing & controllers
 3. Middleware architecture
 4. Request & response objects
 5. Params & queries
 6. Error middleware
 7. API testing (Postman)
 8. Basic auth intro
 9. Rate-limiting & CORS
 10. Logging requests
- Project:**
- REST API for blog | Express auth app

Industry-First *Curriculum*

Module 7

(DBMS and MongoDB + AI) (Duration: 20 Hrs)

- | | |
|-------------------------------|--|
| 1. MongoDB setup & Compass | 8. Session handling & security |
| 2. Schema design & validation | 9. GitHub Copilot for DB queries |
| 3. Mongoose models & methods | 10. Cursor AI DB debugging inside IDE |
| 4. CRUD operations | |
| 5. Aggregation pipelines | Project: |
| 6. Relationships & populate | Auth-enabled DB app Product DB API |
| 7. Token-based auth (JWT) | |

Module 8

(Capstone Projects) (Duration: 26 Hrs)

- | | |
|---|--|
| 1. NoteMaster: Mac-Style Text Editor: A simple app for writing, editing, and saving notes quickly. | 4. InstaShare: Social Photo Sharing App: Post, follow, like, comment, and stay updated with friends' photos. |
| 2. BlogSphere: Medium-Style Blogging Platform: Create, share, read, comment, and manage personal blogs easily. | 5. ShopAdmin: Amazon-Like Product Management System: Admin dashboard to manage products, orders, and customer data. |
| 3. LinkShrink: URL Shortener & Tracker: Convert long URLs into short links with click analytics. | 6. StudentHub: Community Chat for Students: Group and private messaging with file sharing and topic channels. |

Module 9

(Career Assistance) (Duration: 24 Hrs)

- | | |
|----------------------------------|--|
| 1. Aptitude Training | 7. Business Writing |
| 2. Core Quant + Smart Arithmetic | 8. Resume Building |
| 3. Visual + Verbal Reasoning | 9. LinkedIn Profile Optimization & Interview Preparation |
| 4. Decision-Making & Probability | |
| 5. Grammar and Comprehension | |
| 6. Communication Skills | |

Learn the very Latest in Gen AI for *Full Stack Developers*

44 Hours of Dedicated GenAI Training

This **Gen AI-Powered Full Stack Development Course** provide learners with cutting-edge skills, ensuring they stay ahead in the tech industry by building **intelligent, scalable, and efficient applications**.

Why FSD Alone is No Longer Enough



Traditional FSD roles are becoming commoditized



AI-first workflows = 2x faster development cycles



Recruiters spend 2x more time on portfolios that showcase GenAI-powered projects



7 out of top 10 FSD coding interviews now include a GenAI usage scenario or question

Our new curriculum ensures you don't just learn to code, but learn to lead in an AI-driven world

Projects and *Assignments*

- Text Editor like Notes (Mac) – Write, edit, and save notes.
- URL Shortener like Bitly – Convert links, track clicks.
- Recursion Visualizer – Visualize recursion with JS.
- Social Media app like Instagram – Share photos, follow users, scroll feed.
- Product Management app like Amazon backend – Manage products, orders, inventory.
- Student community like Discord – Group chats, topic channels, file sharing.

Latest Tools



ChatGPT



GitHub
Copilot

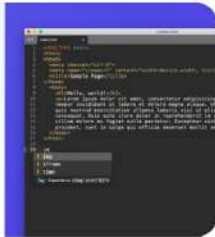


Hands-On Projects for *Real-World Expertise*

Put theory into practice with guided capstone projects designed for full stack developers.

NoteMaster

Lightweight Note Editor
(React + MongoDB)



NoteMaster: Mac-Style Text Editor

A simple app for writing, editing, and saving notes quickly.

BlogSphere

Full Blogging Platform
with CRUD, Auth



BlogSphere: Medium-Style Blogging Platform

Create, share, read, comment, and manage personal blogs easily.

LinkShrink

URL Shortener with
Analytics Dashboard



LinkShrink: URL Shortener & Tracker

Convert long URLs into short links with click analytics.

InstaShare

Social App with File
Uploads, Likes, Follows



InstaShare: Social Photo Sharing App

Post, follow, like, comment, and stay updated with friends' photos.

ShopAdmin

Admin Panel for
Product Management

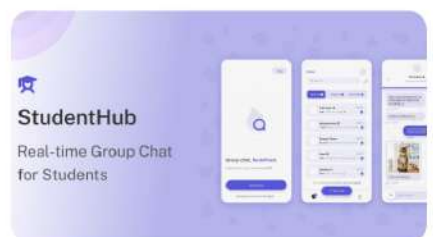


ShopAdmin: Amazon-Like Product Management System

Admin dashboard to manage products, orders, and customer data.

StudentHub

Real-time Group Chat
for Students



StudentHub: Community Chat for Students

Group and private messaging with file sharing and topic channels.

50+ Case *Studies*

Career247

First Website at CERN

**Tim
Berners-Lee**



Tim Berners-Lee

First Website by Tim Berners-Lee at CERN

Career247

Mobile Website
Strategy

**Amazon's
Strategy**



Amazon's Strategy

Amazon's Mobile Website Strategy

Career247

Netscape to Node.js

**JavaScript
Evolution**



JavaScript Evolution

JavaScript Evolution: Netscape to Node.js

Career247

DOM Breakdown

**Google
Homepage**



Google Homepage

Google Homepage: DOM Breakdown

Career247

Facebook's
Component UI

Rise of React



Rise of React

Rise of React: Facebook's Component UI

Career247

Enhancing User
Feedback

Toastify



Toastify

Toastify: Enhancing User Feedback

50+ Case *Studies*

Career247

Product Page
Interactivity

**Amazon
Page**



Amazon Page

Amazon Product Page Interactivity

Career247

Components & State
Management

**Airbnb
Listing UI**



Airbnb Listing UI

Airbnb Listing UI: Components & State Management

Career247

Async Programming &
Facebook's Speed
Boost

**Facebook's
Performance**



Facebook's Performance

Asynchronous Programming & Facebook's
Performance

Career247

Handling on X (Twitter)

Trending Posts



Trending Posts

Trending Posts Handling on X (Twitter)



Mode of Learning:

Live Instructor Led
Virtual Sessions

Duration:

5 months

Class Schedule:

Wed, Fri, Sat, Sun
(7 PM-9:30 PM)





Classes Conducted on:

Zoom

Career Assistance

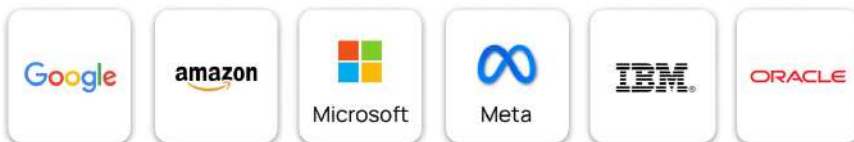
The Career Assistance team at RS Soft Tech Provides 100% Career assistance ensure successful Full Stack Development careers.

Getting You Job Ready

 <p>Resume Building</p> <p>Refining and polishing the candidate's resume with insider tips to help them land their dream job</p>	 <p>Interview Prep</p> <p>Preparing candidates to ace HR and Technical interview rounds with model interview questions and answers</p>	 <p>Mock Interviews</p> <p>Preparing candidates to face interview scenarios through 1:1 and panel mock interviews with industry veterans</p>	 <p>Portfolio Polishing</p> <p>GitHub, deployments, project storytelling, Career coaching from industry developers</p>
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Hiring Landscape: Top Employers are Looking for You!

1. Product-Based Tech Giants on-End



2. Indian IT Services + Engineering Consultancies



3. Funded Product Startups

