

# Full Stack Web Development

Professional Program (FSWD Pro)

*Get Certified on  
Real Projects from  
AI Startups*



**450+ Hiring  
Partners**



**Hybrid Model for  
Project Sessions**



**175% Average  
Salary Hike**



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How to make an  
impact with



This program is for students and IT professionals looking to master MERN stack, API design, and cloud deployment. With practical projects and advanced topics, it prepares you for top tech interviews. The curriculum is powered by Soft code for industry-standard technical training.



 **Practice 200+ DSA Problems**


Work on 200+ DSA Problems asked in top tech interviews & improve problem solving

 **Referrals in Top Tech MNCs**

Secure referrals in top product-based companies with our Program

 **System Design Projects**

Work on end to end system design projects & Gain real experience

 **Multiple Electives**

Choose electives like GenAI, Devops, Product management & Full Stack [MERN]

# Program Summary

1

## Training Mode

**100% Live Online** Session with Instructors from top companies

2

## Program Faculty

Renowned **industry experts** from top global MNCs

3

## Program Duration

**10-11 Months** Program  
Weekday and Weekend Batch

4

## 500+ Practice Problems

Practice **interview problems** of top tech companies.

## Crack the Interview @ **Top Tech MNC**

Learn **DSA + System Design (HLD +LLD) + GenAI**



### How many electives are offered in this program?

In addition to DSA and system design, this program includes GenAI, DevOps, Full Stack [MEPN], and product management (PM) for software engineers. These courses help prepare you for various roles in product-based companies.



### What is the number of projects in this program?

You'll work on design projects, using **high- and low-level design** to address real challenges. With mentor guidance, these projects offer hands-on experiences similar to working in leading PM companies.



### Why is GenAI important for software developers?

GenAI helps software developers create smarter apps, automate tasks, and boost productivity, making it essential for real innovation in top PM MNCs.

# About the Course


This program is designed for students and IT professionals targeting interviews at top **tech MNCs**. Using a project-based approach with high- and low-level design, it mirrors real-world work at leading tech companies, guided by industry experts and dedicated mentors.

The course also **covers Data Structures and Algorithms (DSA), System Design, and Generative AI (GenAI)** for software developers. By the end, you will be ready to integrate AI and ML into software development and prepare for top-tier software engineering interviews.

## Our Commitment

"We are dedicated to delivering accessible and industry-relevant education that empowers India's workforce to grow and succeed."

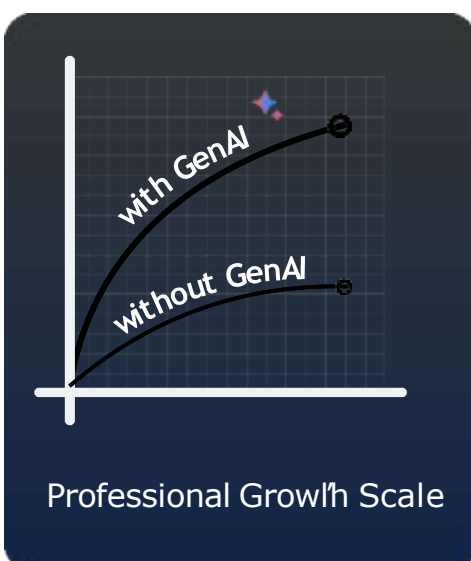
Beyond classroom projects, you'll co-create solutions with AI startups through our exclusive AI Co-Lab initiative. This hands-on collaboration ensures you gain practical experience with cutting-edge technology while building a professional portfolio that stands out to recruiters.

 **100%**  
Assured Interview

 Learners working at  
**350+** companies

 **7+**  
Centers Across India

 **40k+**  
Professionals Upskilled



**70%**

Of companies are likely to adopt GenAI in the next 5 years to enhance efficiency, automate tasks, and improve decision-making for better project outcomes.


Our curriculum is designed to prepare you for this shift, ensuring you are ready to integrate AI tools into your development workflow..


"By integrating GenAI into our program, we ensure that our learners are well-prepared to lead and innovate in their respective fields."

# Program Eligibility


Students with  
10+2 education  
or working  
professionals  
looking to  
transition into a  
high-growth  
tech career.


## KEY FEATURES

 Dedicated Placement Cell | 100%

 Guaranteed Interview calls

**2-in-1 Certification:** Receive a Course

 Completion Diploma and an Internship

 Certificate from Eduglar Technology.

## Program Outcome: What's in it for you?



Gain Hands-On Experiences with **AI Co-Lab**

Work on real projects, with real impact and gain certificate with experience.



DSA | **System Design + GenAI for Software Developers**

Learn AI/ML along with DSA and System Design to solve real-world problems. Build skills to add AI to software and improve job readiness. Get ready to crack **AI engineering interviews** with GenAI in top MNCs.



Get **Job Referrals** in Product-based companies


Access referrals to product-based companies with our support, including mock interviews, resume building, LinkedIn optimization, cover letter tips, and company-specific mentorship for interview success



# Why choose EDUGLAR?

A unique program for  
Tech Professionals!

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# AI Co-Lab Experience



A unique feature where learners work directly on real projects from AI startups, solving actual business challenges in GenAI & Agentic AI. You don't just learn—you co-create with startups.

**Gain hands-on experience with GenAI & Agentic AI**



Hugging Face



**End to End Support**

Each project is supported by **startup founders, industry experts, and Eduglar mentors.**

You get **1:1 guidance, feedback, and code reviews**—like working in a real company environment.

**You'll collaborate in small teams, just like in startups. The process includes:**

- Startup briefing
- Problem scoping
- Coding & implementation
- Mentor feedback
- Final presentation & certification



**Earn industry-recognized startup certifications.** You can highlight your work on real AI applications

## How is this different from regular course projects?

Unlike typical academic case studies, these **projects are live startup problems**. You'll see your work impact real users, products, and decisions—something no classroom project can match.

## How will this help me as a working professional?

You'll gain **hands-on experience with GenAI and Agentic AI**, add real startup certifications to your resume, and be able to talk about actual business outcomes in interviews, giving you a huge career edge.

## What kind of companies provide these projects?

Startups and growing enterprises that are building AI-first products across industries like **FinTech, EdTech, Healthcare, Retail**, and more.

## Why is a project certificate from an AI startup better than a course completion certificate?

Course certificates show you've learned. **Startup project certificates** prove you've delivered. Recruiters value impact-driven proof more than just attendance.

## How will this accelerate my career growth?

**By completing AI Colab projects, you'll:**

- Gain practical AI experience
- Stand out in interviews
- Get startup-certified proof of work
- Build a portfolio recruiters love

## Do I need to be an advanced programmer to join?

No. Projects are designed for working professionals from **tech and non-tech backgrounds**. You'll be trained on tools and supported by mentors throughout the journey.

# 1. AI Startup Project Certification

Earn certificates directly from companies you work on across different domains. These project certificates are **more valuable** than course completion certificates because they show your real skills and practical experience.

Get **Project Certification**  
from AI/GenAI Startups.

**Elevon AI**



Outspokn



Fermion CodeMYX & more

**You will work on projects like:**

**AI-powered content creation** (text, images, video, audio), customer support through **chatbots and virtual assistants**, software development tools to **assist coding**, **personal productivity agents** for task automation, and data analysis for insights in fields such as finance, healthcare, and marketing

## 2. Electives & Specialization

In addition to DSA and system design, this program includes **GenAI**, **DevOps**, **Full Stack [MEPN]**, and **product management** (Igch) for software engineers. These electives help prepare you for various roles in product-based companies.



**GenAI**



**Product management**



**Full Stack [MEPN]**



**DevOps**

## 3. Placement Assistance

### ✔ Resume Optimization

Expert assistance to enhance your professional resume

### ✔ Interview Opportunities

Scheduled interviews with potential employers

### ✔ Interview Preparation

Mock interviews to improve your performance

### ✔ Career Counseling

Professional guidance for your career advancement

## 4. Mentors from Top Tech MNCs



















Guidance from experienced mentors from Top Tech MNCs. They bring hands-on industry expertise to help you navigate **challenging projects**, enhance your skills, and gain the practical knowledge .



## 5. Companywise Interview Prep

Prepare with problems from top tech companies like Google, Amazon, and Microsoft, covering coding, system design, and machine coding rounds. The machine coding round hones skills in building structured, scalable code modules, essential for top MNC interviews.

# Others Vs Eduglar

Benefits	Eduglar	Others
 <b>Guaranteed Interview Calls</b>		
 <b>Industry capstone project &amp; globally recognized certificate.</b>		
 <b>Domain specialized programs for professionals</b>		
 <b>100% live interactive sessions with industry experts</b>		
 <b>On-demand video call with industry experts</b>		
 <b>Personalised Resume Review Session</b>		

# Alumni Spotlight

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**Deepak Kama**

**I'm currently enrolled in the Full Stack course and have completed the DSA and System Design modules. The trainers' teaching method has been enlightening for me as a beginner. Highly recommend Eduglar for upskilling.**



**Ansu Agarwal**

**This online software development course was the best I've taken. Great instructor, easy-to-understand explanations, well-structured and effective hands-on exercises. Highly recommended!**



**Joy Mukherjee**

**Great course for software development, with real-world examples and practical exercises. I learned a lot and could apply it in my career. Highly recommend for learners.**



**Hema Khedekar**

**Highly recommend course for software development. Well-organized material, practical exercises to apply and build skills. Suitable for anyone interested in the field.**

# Alumni **Spotlight**



**Pravin Patel**

**The software development course was a game-changer. Extensive content, highly skilled trainer, exceptional job support laid the foundation for my career in software development.**



**Aditya Singhal**

**Eduglar's software course surpassed my expectations, with clear instruction and helpful instructors. Grateful for the gained knowledge and accessible support.**



**Jagdeep Bajpai**

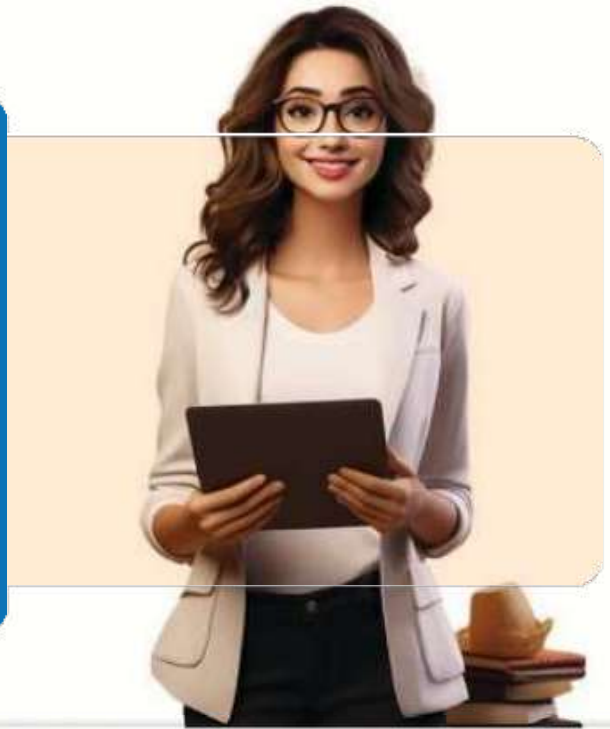
**I'm currently enrolled in the Full Stack course and have completed the DSA and System Design modules. The trainers' teaching method has been enlightening for me as a beginner. Highly recommend Eduglar for upskilling.**



**Rajat Purohit**

**I recently finished Eduglar's Basic DSA Course online. The course is well-structured, taught by knowledgeable trainers with a focus on interview preparation and data structure concepts. It benefits both novices and experts.**

## Program Fee & Financing



Financing as low as  
**Rs. 5,999/month**

### No Cost EMI

Enroll in the Data Analytics & Business Intelligence program with 0% interest EMI options available through our financial partners.

### Program Fee

Rs. 64,999/-

### Scholarship



Scholarships are awarded based on profile review. Eligible candidates can avail upto 25% scholarship on desired courses. Click the button below to apply.

[Contact us for More!](#)



# Program Curriculum

A unique program for  
Tech Professionals!

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# Journey Summary

Module	Core Focus Area & Live Case Studies	Project/Deliverable
M1	<b>Foundational Web &amp; Programming:</b> HTML5, CSS3, and Modern JavaScript (ES6+) basics.	Responsive Personal Portfolio Website
M2	<b>Core Front-End Development:</b> Master React.js/Angular components, state management, and hooks.	Weather App (Real-time API Integration)
M3	<b>Back-End &amp; Server-Side Logic:</b> Node.js environment, Express.js routing, and middleware implementation.	Recipe Finder (RESTful API Development)
M4	<b>Database Design &amp; Modeling:</b> SQL (PostgreSQL/MySQL) vs NoSQL (MongoDB) and schema optimization.	Blog Platform (CRUD & Data Management)
M5	<b>Advanced API &amp; Security:</b> JWT Authentication, OAuth, and securing RESTful architectures.	E-commerce Website (Payment Gateway)
M6	<b>Deployment &amp; DevOps:</b> Docker containerization, CI/CD pipelines, and AWS/Heroku deployment.	Social Media Platform (Scalable Architecture)
M7	<b>Real-Time Communication:</b> WebSockets and Socket.IO for bidirectional server-client data flow.	Real-Time Chat Application
M8	<b>Generative AI for Developers:</b> Using ChatGPT/Gemini for code optimization, debugging, and AI-driven features.	AI-Enhanced Code Assistant Tool

# Case Study

## MINI PROJECT

### Spotify-inspired Playlist Management Build-up

**Description:** Design a user-friendly system for creating, modifying, and organizing playlists, with features like shuffle, repeat, and sharing options.

**Tools covered:** OOP principles, Factory, Singleton, Observer patterns.

## MINI PROJECT

### End-to-end Design of Flipkart-like Shopping Cart

**Description:** High-quality user interaction, rich shopping cart system creation from scratch. Includes common features like add, replace, and delete items. The design focus remains on user experience and scalability.

**Concepts Used** Normalization of database schema, Sequence diagrams, UML diagrams, and class.

## MINI PROJECT

### Netflix Content Streaming Service

**Objective:** Design a microservices-based architecture for Netflix's streaming service, focusing on service decomposition.

**Focus:** Use CAP principles to manage data consistency, availability, and partition tolerance for real-time streaming with resilience.

## Case Study

### Case Study Highlight:

Discuss how Slack revolutionized workplace communication with an iterative product development approach.

### Discussion Prompt:

"How can tech professionals balance technical feasibility with user needs during product planning?"

### Inspiring Note:

"Generative AI is reshaping industries—from content creation to advanced decision-making."

### Discussion Prompt:

"What ethical considerations should developers prioritize when integrating GenAI into applications?"

### Building a Full Stack Application

- Develop a complete web application using MERN stack
- Implement authentication, data storage, and real-time features

## MINI PROJECT

### Developing Property Booking System

**Objective:** Create a booking management system for hotels that supports user reservations and room management.

**Focus:** Implement a normalized database schema for hotels, rooms, bookings, and user accounts, ensuring the system can handle concurrent bookings and cancellations efficiently.

## MINI PROJECT

### End-to-end Design of Flipkart-like Shopping Cart

**Description:** High-quality user interaction, rich shopping cart system creation from scratch. Includes common features like add, replace, and delete items. The design focus remains on user experience and scalability.

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## MINI PROJECT

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PROJECT 2

DURATION 1.5 HRS

## Social Media Feed System

**Objective:** Efficient real-time notification feed management system for Twitter.

**Key Focus:** Lightning speed time update and access during high volume data management per second. Effective data Sharding and caching technique implementation.

PROJECT 3

DURATION 1.5 HRS

## Designing of Booking System for Hotel Rooms (e.g. Oyo)

**Objective:** User reservation and room management focused booking management systems for business.

**Focus:** Infusion of a normalized database schema for tracking room bookings, customer accounts, concurrent bookings, and cancellations.

PROJECT 4

DURATION 1.5 HRS

## Food Ordering System (like Zomato and Swiggy)

**Objective:** Build a platform connecting users to local restaurants for ordering and delivery.

**Focus:** Design a microservices architecture for managing restaurant listings, orders, and payments, with real-time tracking and user reviews.

**Concepts Used:** Microservices, Scalability, Distributed Systems, HLD, LLD.

# Thank you!

For more queries and information  
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