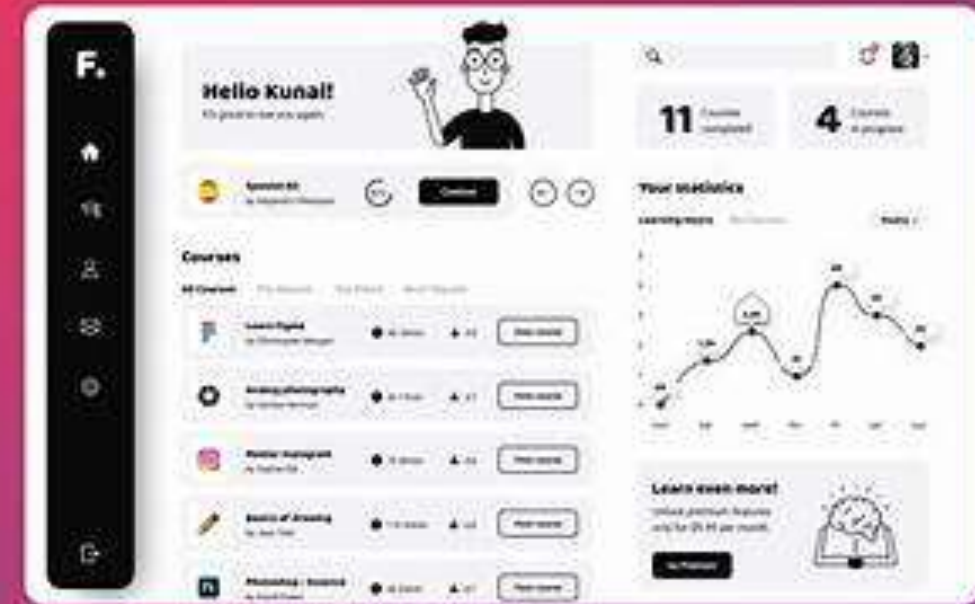# EY Techathon 5.0
Executive Summary

Date of submission: 20th Nov, 2024.

Career Catalyst (Empowering youth for career success) – By **NewGen Coders**

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Shape the future
with confidence

College : GLA UNIVERSITY MATHURA

Meet Our Team: NewGen Coders

Contact : +91-9997859116
or
hardikarora483@gmail.com

Name: Hardik Arora

Designation: (Team Lead)

My Contribution in team:
I drive **strategies** and ensure seamless execution with expertise in AI/ML solutions.

Name: Harsh Raj

Designation: (Research & QA Specialist)

My Contribution in team:
I align solutions with market trends and ensure top-notch performance.

Name: Shiven Rastogi

Designation: (Data Scientist)

My Contribution in team:
I craft intelligent Machine Learning models for personalized recommendations.

Name: Nikita Chaudhary

Designation: (Frontend Developer)

My Contribution in team:
I design sleek, user-friendly interfaces for an engaging experience.

Name: Kushagra Maheshwari

Designation: (Backend Developer)

My Contribution in team:
I build robust and scalable infrastructure for the platform.

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This AI-powered web application provides an innovative and scalable solution for the skill development challenges faced by youth . By leveraging cutting-edge technology and focusing on user-centric design, the platform ensures a sustainable impact, equipping students like Vivek to thrive in an ever-changing job market.

Problem statement: Education - AI for Skill Development in Youth

Solution Form Factor: Web App

Brief overview :

Overview:

Our solution is an **AI-powered web application** designed to help students like Vivek identify and build the skills required to achieve their career goals. The platform leverages AI to assess current skills, recommend personalized learning paths, and track progress, enabling students to bridge the gap between their potential and the ever-changing demands of the job market.

Core Features:

➤ Skill Assessment

➤ Personalized Career Guidance

➤ Customized Learning Plans

➤ Progress Tracking and Feedback

➤ Accessibility and Inclusivity

Key Technologies Used:

➤ AI and Machine Learning

➤ Natural Language Processing (NLP)

➤ ReactJS, Node.js, MongoDB

➤ Cloud Infrastructure

➤ API Integrations

How It Solves the Problem:

➤ **Closes the Career Guidance Gap:** Students like Vivek often lack structured guidance. The app acts as a digital mentor, empowering them with clarity on skill development.

➤ **Bridges the Skill Gap:** By mapping current skills to career goals, the platform ensures students focus on acquiring relevant skills tailored to industry demands.

➤ **Empowers the Underserved:** The platform's low-tech accessibility ensures equitable access for students from rural or resource-constrained regions.

Techstack we will be using:

EY