

## **Selected SDG:**

### **SDG 8 – Decent Work and Economic Growth**

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#### **Problem Statement:**

A significant number of students and fresh graduates face difficulties in securing decent employment due to inadequate career guidance, lack of awareness about industry-relevant skills, and poorly structured resumes. Many job applications are rejected at early stages because resumes do not align with job role requirements or Applicant Tracking Systems (ATS). Traditional career counseling methods are often expensive, time-consuming, subjective, and not accessible to all, especially students from diverse socio-economic backgrounds.

There is a critical need for an intelligent, scalable, and affordable solution that can

analyze resumes, identify skill gaps, and provide personalized career guidance to improve employability. An AI-powered system that leverages machine learning and natural language processing can help job seekers align their skills with market demands, enhance resume quality, and support informed career decision-making, thereby promoting decent work opportunities and sustainable economic growth.