

VerseAI: An AI-Based Career Recommendation System

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Abstract: *In today's rapidly evolving job market, individuals often face difficulty in making informed career decisions due to the dynamic nature of industry requirements, skill gaps, and information overload. Traditional career guidance systems provide generic recommendations that fail to adapt to individual user profiles. This paper presents VerseAI, an AI-Based Career Recommendation System designed to deliver personalized career insights using artificial intelligence. The system analyzes user specific data such as skills, experience, and industry preferences to generate tailored career recommendations. VerseAI leverages modern full-stack technologies and AI-driven analysis to ensure scalability, accessibility, and efficiency. A small-scale evaluation demonstrates the effectiveness of the system in providing relevant and actionable recommendations, highlighting its potential as a decision support tool for career planning.*

Keywords: Career Recommendation System, Artificial Intelligence, Decision Support System, Personalized Career Guidance, Machine Learning Applications, AI-Based Systems

