



Comparative Analysis Report

DHA Suffa University

Computer Science

Competitive Landscape & Comparative Analysis Report

Project Title: SkillScope

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1. Overview of the Project

- **Project Description:**

SkillAlignr — An AI-powered platform for Career Guidance that helps students align their skills to current job market requirements. It helps students to understand different career options available based on their skills and education by mapping them with jobs, skills required, and industry trends.

- **Target Audience/Industry:**

Aimed at students and recent graduates in IT or Computer Science, SkillAlignr allows monitoring for job positions such as web developer, data engineer, data analyst, and other tech roles.

2. Competitive Research:

Here's how *SkillAlignr* compares to other career guidance platforms:

Product Feature Metric Table

Solution/Product	Skill Mapping	Career Path Suggestions	Job Market Insights	Skill Combination Analysis	User Experience	Cost
SkillAlignr	✓	✓	✓	✓	High	Free
Pathrise	✓	✓	✗	✗	Medium	Paid
CareerExplorer	✓	✗	✓	✗	Medium	Free
LinkedIn	✗	✓	✓	✗	Low	Paid

Gap Analysis Table

Gap Area	Existing Solutions	Identified Gap(s)	How SkillAlignr Addresses the Gap
Skill Combination	Limited or no skill combination insights	Lack of guidance on skill combinations	SkillAlignr suggests in-demand skill combinations based on job data, increasing student employability
Field Sub-Division	No subdivision into subfields	Doesn't guide users in specific tech stacks	SkillAlignr offers field subdivisions (e.g., React, Python for Web Dev) and their market demands
One-Click Job Analysis	Multiple steps required to view job insights	Inefficient and time consuming for users	SkillAlignr offers a one-click job analysis feature, delivering quick insights without navigating away.

3. Conclusion

Key Takeaways:

Enhanced Skill Combination Insights:

- Existing solutions lack detailed guidance on skill combinations needed to excel in specific roles. SkillAlignr fills this gap by analyzing job data to identify high-demand skill combinations, helping students increase their employability by aligning with market trends.

Accurate Field Sub-Divisions:

- Most career guidance platforms do not break down tech fields into specific subfields (e.g., React, Python for Web Development). SkillAlignr provides this sub-division, enabling users to understand market demand for niche skills within broader fields and tailor their learning path accordingly.



One-Click Job Analysis:

- Many career guidance tools require multiple steps for users to access job insights, which is time-consuming and reduces efficiency. *SkillAlignr* offers a one-click job analysis feature, providing quick access to relevant job insights without additional navigation, making it more user-friendly and efficient.

Real-Time Market Data Integration:

- Career advice platforms often rely on outdated data or static analysis, leading to irrelevant suggestions. By integrating APIs for real-time job data, *SkillAlignr* ensures that students receive up-to-date and accurate information about current job market demands.

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