SMART INDIA HACKATHON 2024

RJ Careers

- **Problem Statement ID –** 1632

- **Title-** An Interactive Job and Internship Platform for Technical Education Department, Govt. of Rajasthan

- **Theme-** Smart Education

- **PS Category-** Software

- **Team ID-** 34

- **Team Name (Registered on portal) –** HASH TAG

RJ CAREERS

❖ <u>**Proposed Solution**</u>

- An AI-powered platform connects students from technical institutions with employers through personalized job recommendations, a streamlined application process, and real-time notifications. Employers benefit from an efficient candidate management dashboard, while government authorities gain data-driven insights on employment trends.
- This solution bridges the gap between students and employers, enhances recruitment efficiency, and supports policy improvements for better student employability and skill development.

TECHNICAL APPROACH

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- Technologies used – HTML, CSS & JAVASCRIPT, BOOTSTRAP

Login Page
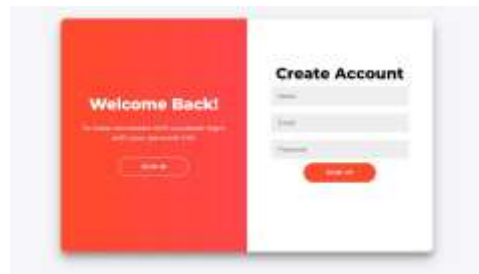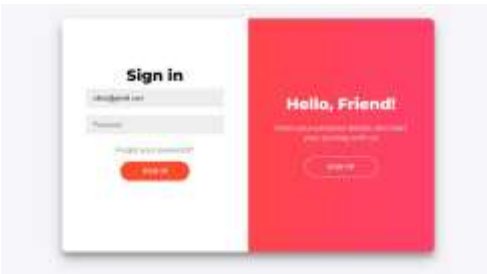
Landing Page & Search Filters
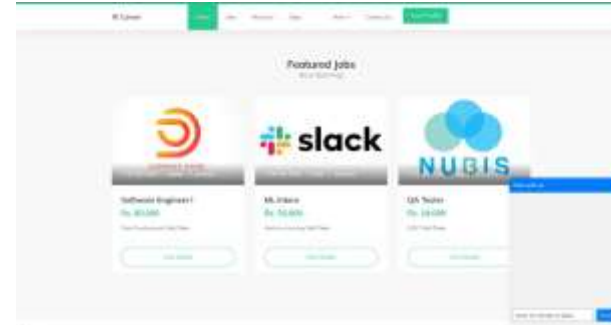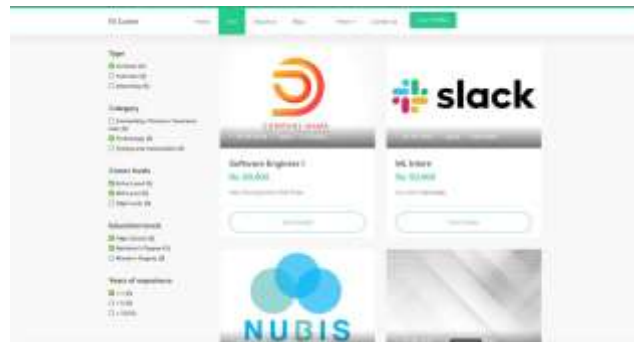
Dashboard

FEASIBILITY AND VIABILITY
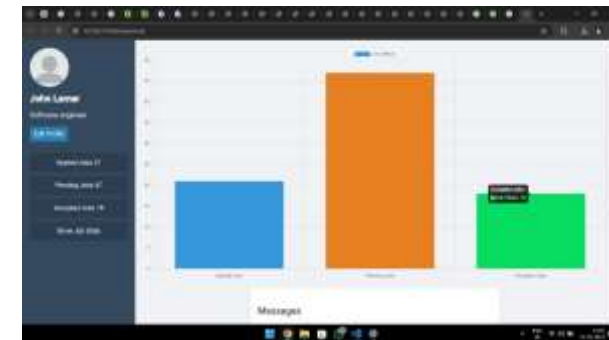
Feasibility Analysis:

The platform is feasible due to Rajasthan's growing digital infrastructure and demand for skilled tech talent. AI-powered features align with industry needs, and government involvement ensures policy support. Collaboration with institutions and employers is essential for accurate data and seamless integration.

Challenges & Solutions:

Challenges include data privacy, integration issues, and broad adoption. Address these with strong security, tech partnerships, and outreach efforts. Secure funding via grants and partnerships, and maintain engagement through feedback loops and continuous platform improvements.

IMPACT AND BENEFITS

Impact:

The platform significantly improves employment opportunities by offering targeted job matching and skill development through internships and apprenticeships. It also streamlines the recruitment process for employers, leading to faster and more accurate hiring outcomes in Rajasthan's technical sector.

Benefits:

It promotes inclusivity by connecting students from diverse backgrounds with employers, boosting local economies through improved job placements, reducing recruitment costs, and supporting sustainability by minimizing paperwork and travel for job applications and interviews.

RESEARCH AND REFERENCES

Research:

1. Academic Papers and Case Studies: Explore AI applications in job matching through research papers and case studies of successful platforms like LinkedIn or Indeed. Analyze the impact of digital platforms on employment trends and study regional initiatives for relevant insights.

2. Government, Educational, and Industry Reports: Leverage government reports on employment trends and technical education policies in Rajasthan, along with industry reports on job market analysis and the role of AI in recruitment to guide the platform's development.

References:

1. https://www.w3schools.com/howto/howto_css_more_button.asp

2. https://www.codewithfaraz.com/content/347/build-your-own-job-portal-landing-page-html-css-javascript-tutorial