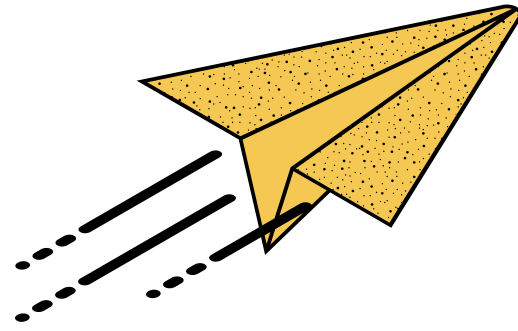


Presented by Team Nirmaan



NIRMAAN.HR

AI based Candidate Recruitment & Hiring Application

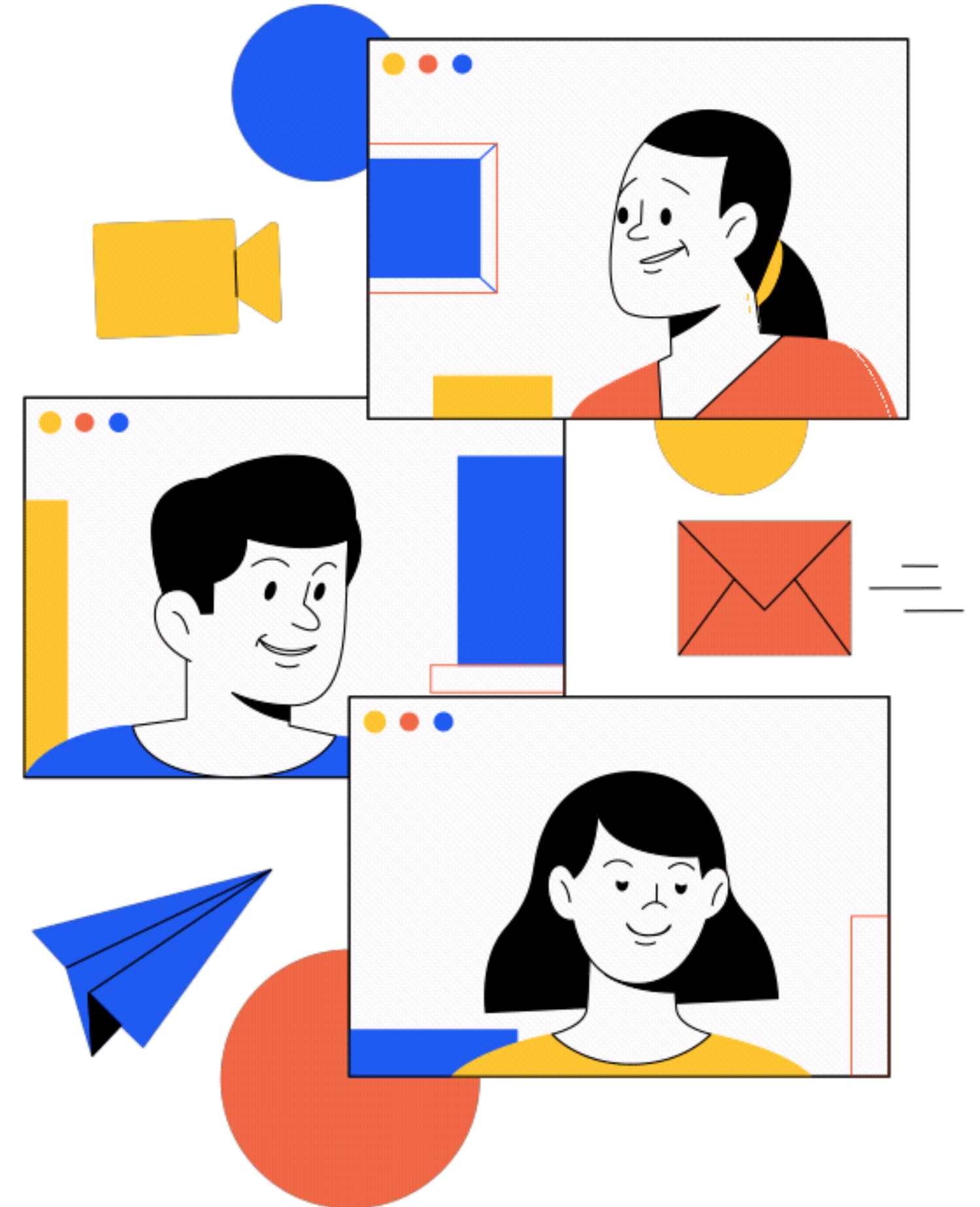


TABLE OF CONTENTS

- 1 Introduction
- 2 Our team
- 3 Problem Statement
- 4 Solution Overview
- 5 Key Features



TABLE OF CONTENTS

- 6 Technology Stack
- 7 Feature Scope
- 8 SWOT Analysis
- 9 Conclusion





INTRODUCTION

Nirmaan.HR is an innovative HR portal designed by Team Nirmaan to revolutionize the candidate sorting, Hiring and selection process. In today's fast-paced world, efficiency and accuracy are paramount in HR tasks, and Nirman.hr is here to deliver just that.

THE TEAM



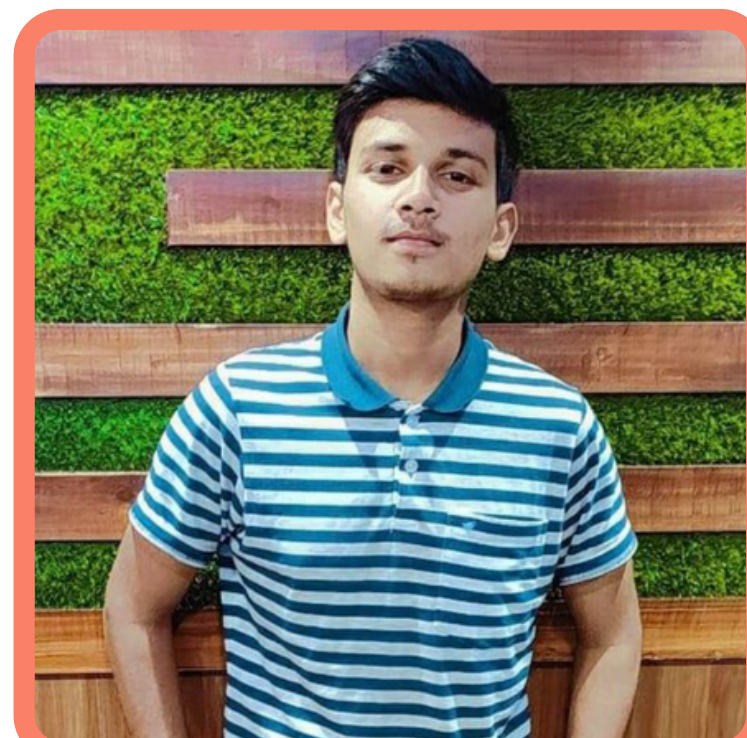
Kshitij Sarve

Team Lead & AI Engineer



Preshit Desai

AI Developer



Rushikesh Patil

AI Developer



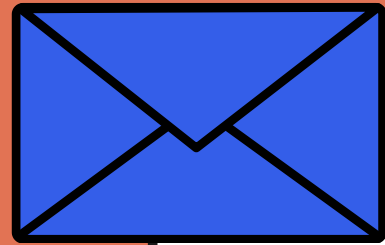
Ajinkya Bhandare

AI Developer



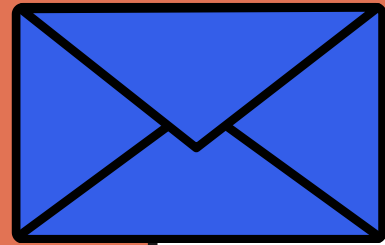
PROBLEM STATEMENT

HR professionals often spend countless hours manually sorting through resumes and job descriptions. This process is time-consuming, prone to errors, and takes away valuable time that could be spent on more strategic tasks. Our solution, Nirman.hr, addresses these challenges by leveraging AI to streamline the hiring process.



SOLUTION OVERVIEW

Nirman.hr allows HR teams to upload job descriptions and resumes, automatically sorting candidates and storing data in a centralized database. This not only saves time but also ensures that the best candidates are identified quickly and accurately.



KEY FEATURES

- **Automatic Candidate Sorting**

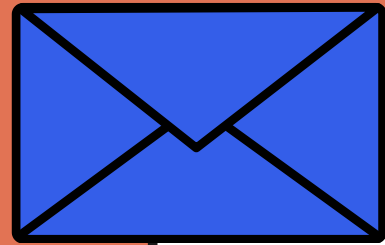
Upload job descriptions and resumes, and let our AI match the best candidates for the job role.

- **Centralized Database**

All data is stored in one place, making it easy to retrieve past information and manage candidates.

- **Direct Chat with Database**

Seamlessly interact with the database through a chat interface to quickly access necessary data.



KEY FEATURES

- **Custom Email Sending**

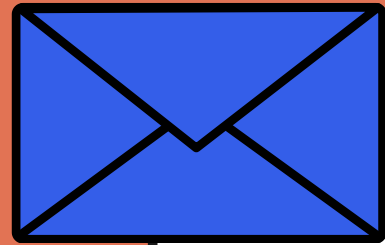
Send personalized emails to candidates directly from the application without the need to open other email clients.

- **Custom Exam Creation**

Design tailored exams to test candidates on relevant skills, ensuring a more effective evaluation process.

- **Advanced Search and Filters**

Easily find candidates based on specific criteria such as skills, experience, and location.



KEY FEATURES

- **Analytics and Reporting**

Gain insights into your hiring process with detailed analytics and reports.

- **Integration with Existing HR Systems**

Nirman.hr can seamlessly integrate with your current HR software, enhancing your workflow without disruption.

DEMO



TECHNOLOGY STACK

- **Python**
- **MySQL**
- **Natural Language Processing (NLP)**
- **Streamlit**
- **Generative AI**
- **API's**
- **AWS (Amazon Web Services)**
- **Data Preeprocessing**
- **SQL**



FEATURE SCOPE

- **Advanced Predictive Analytics**

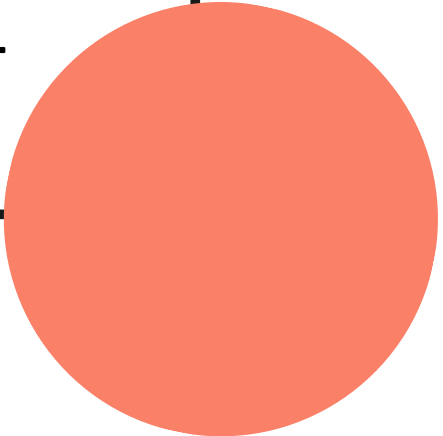
Utilize historical data for actionable HR insights.

- **AI-Driven Employee Engagement Tools**

Introduce tools for monitoring and enhancing employee engagement and satisfaction using AI for real-time feedback.

- **Real-Time Insights:**

AI provides real-time analytics and insights into the hiring process, identifying bottlenecks and areas for improvement.





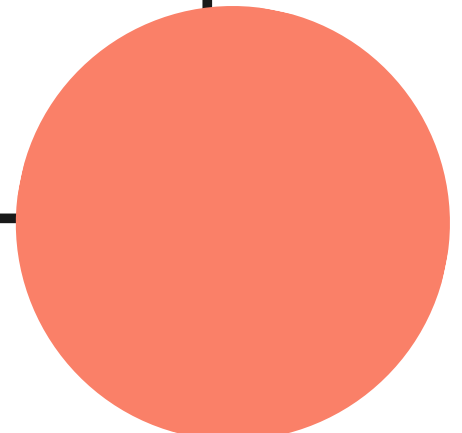
FEATURE SCOPE

- **Predictive Workforce Planning**
- **Employee Referral Automation**
- **Sentiment Analysis for Candidate Feedback**

AI can be used to predict future hiring needs based on company growth, market trends, and employee turnover rates.

Enhance employee referral programs by using AI to match job openings with potential candidates from employees' networks

Use sentiment analysis to gauge candidates' feelings and experiences throughout the recruitment process.



SWOT ANALYSIS



Strengths

Nirman.hr streamlines hiring with AI-driven candidate sorting, reducing time and errors. It offers quick data access via direct database interaction, personalized emails, and custom exams for better evaluation. The centralized database simplifies data management and retrieval, making the process more efficient.

Weaknesses

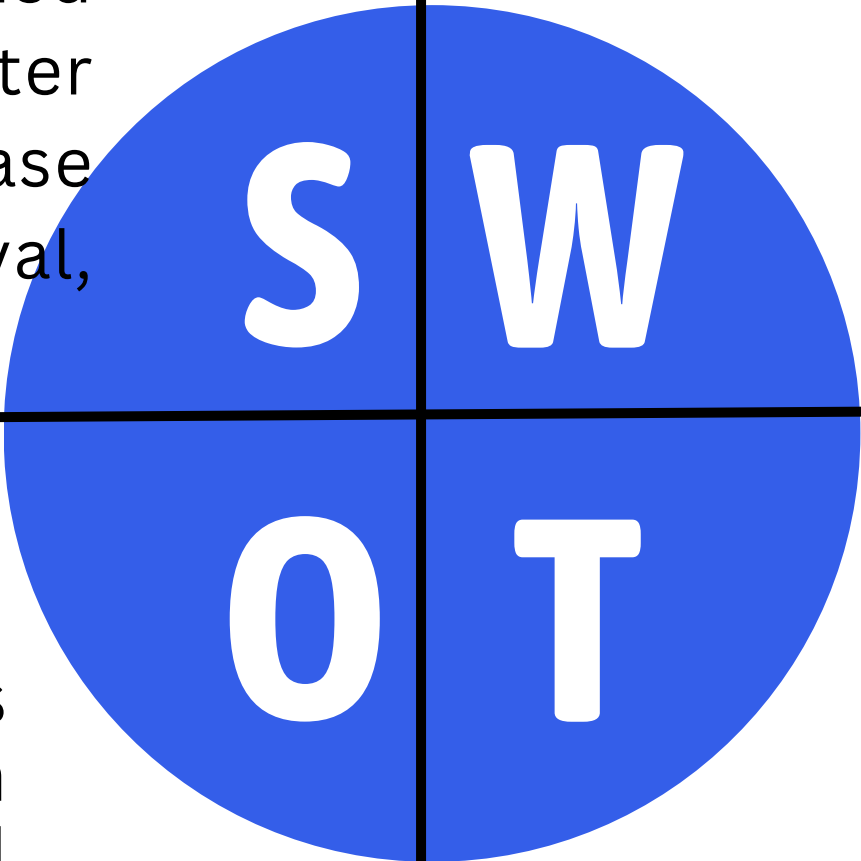
Nirman.hr's AI dependency can lead to sorting errors. Implementation and training require significant investment. Data security and privacy are critical concerns, necessitating stringent measures to prevent breaches and ensure compliance.

Opportunities

Growing demand for AI in HR increases market potential. Integration with other HR systems can expand functionality. Advanced analytics provide insights for data-driven decisions, enhancing strategic HR management.

Threats

Growing demand for AI in HR increases market potential. Integration with other HR systems can expand functionality. Advanced analytics provide insights for data-driven decisions, enhancing strategic HR management.

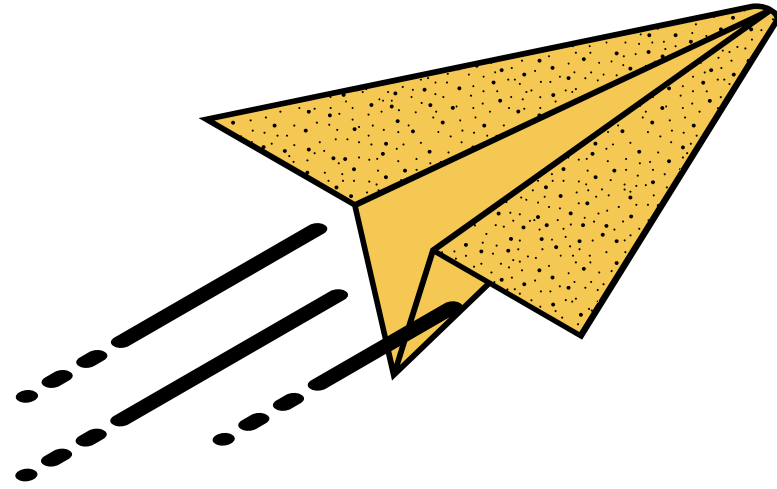




CONCLUSIONS

In conclusion, Nirman.hr simplifies and enhances the HR process, making it more efficient and effective. With features like automatic candidate sorting, direct database interaction, custom email sending, and tailored exam creation, we aim to transform the way HR professionals work. Thank you for your time, and I'm happy to answer any questions.

www.reallygreatsite.com



THANK YOU!

