SMART INDIA HACKATHON 2024

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- **Problem Statement ID –** 1654
- **Problem Statement Title-** Determining expert relevance with respect to interview board subject and candidate's area of expertise.
- **Theme-** Smart Automation
- **PS Category-** Software
- **Team ID -** 3224
- **Team Name-** DYNAMO

DYNAMO

MIRA

(Matching Interviewers with Resume using AI)

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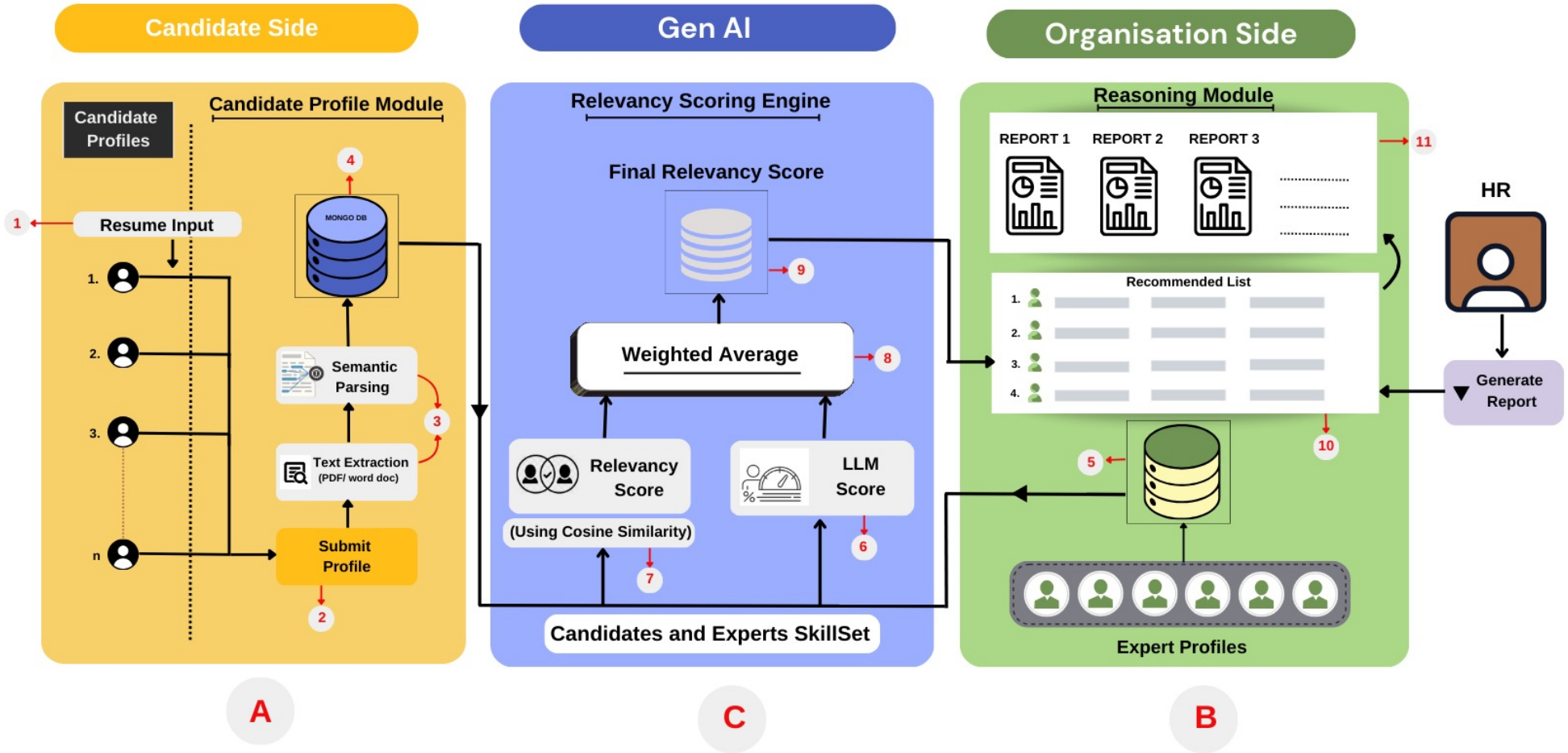
An AI-powered system that intelligently matches job candidate's profile with the most relevant experts, ensuring accuracy and reasoning to enable fair hiring.



DYNAMO

MIRA

Technical Approach

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TECH STACK

- **FRONT-END**

Html
Css
Javascript

- **BACK-END**

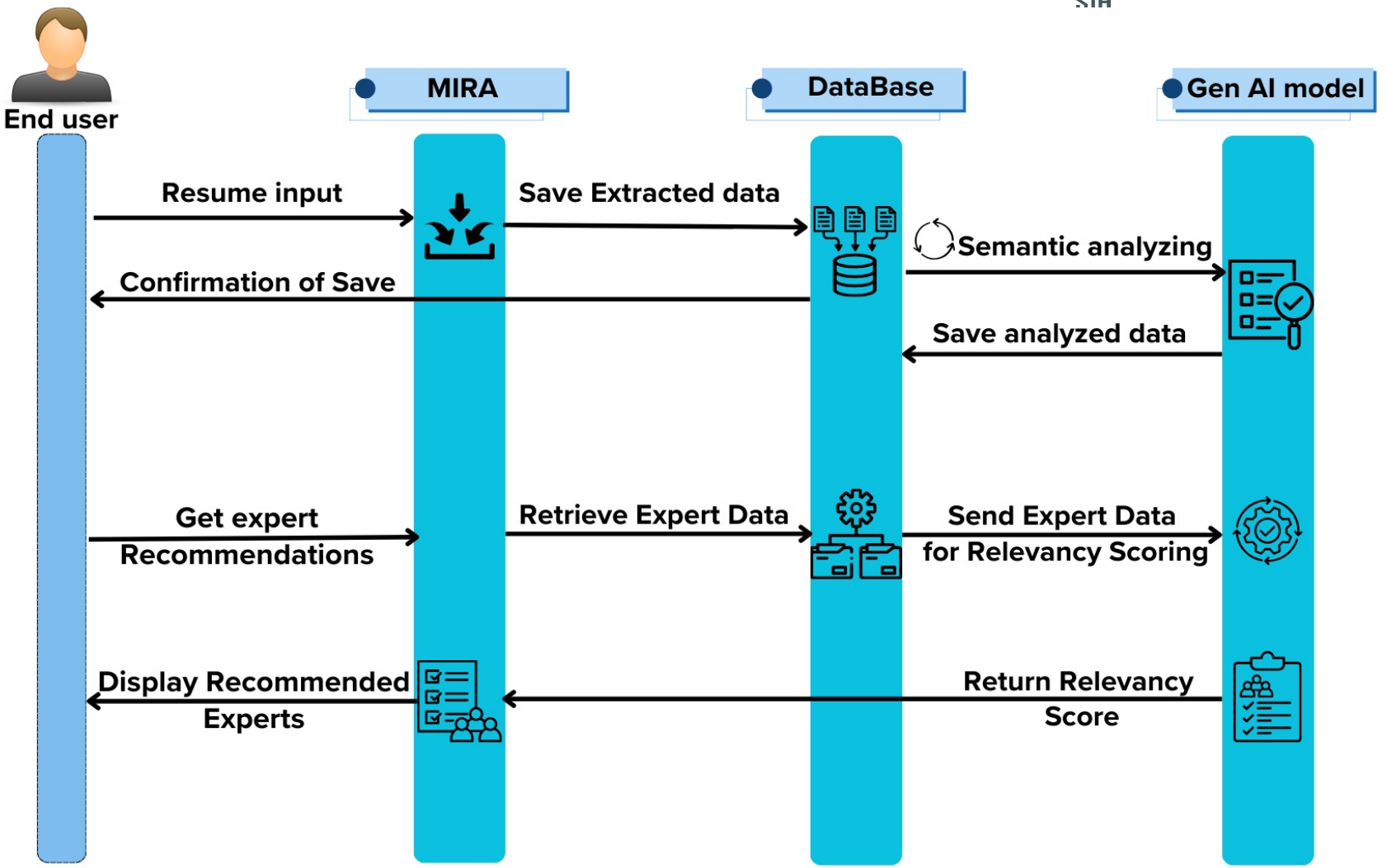
Python

Fast API

Ollama

- **DATABASE**

Mongo DB



SEQUENCE DIAGRAM

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Feasibility/Viability

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TECHNICAL FEASIBILITY

- Utilizes proven technologies.
- Cloud-based deployment.
- Regular model updates ensure long term efficiency

MARKET POTENTIAL

- Service based Model.
- Recurring revenue through subscription-based model..

VIABILITY

- Financial Sustainability
- Minimal manual intervention required post-deployment.

POTENTIAL CHALLENGES:

- Model Accuracy and Relevance
- Scaling and performance
- Privacy and data Security
- Continuous Maintenance and Updates

STRATEGIES FOR OVERCOMING:

- Regularly update and fine tune models with new data
- Use cloud-based infrastructure for scalability, load balance and efficient database management.
- Implement strong encryption and access controls.
- Automate model updates with new data and set up regular performance reviews.

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Impact and Benefits

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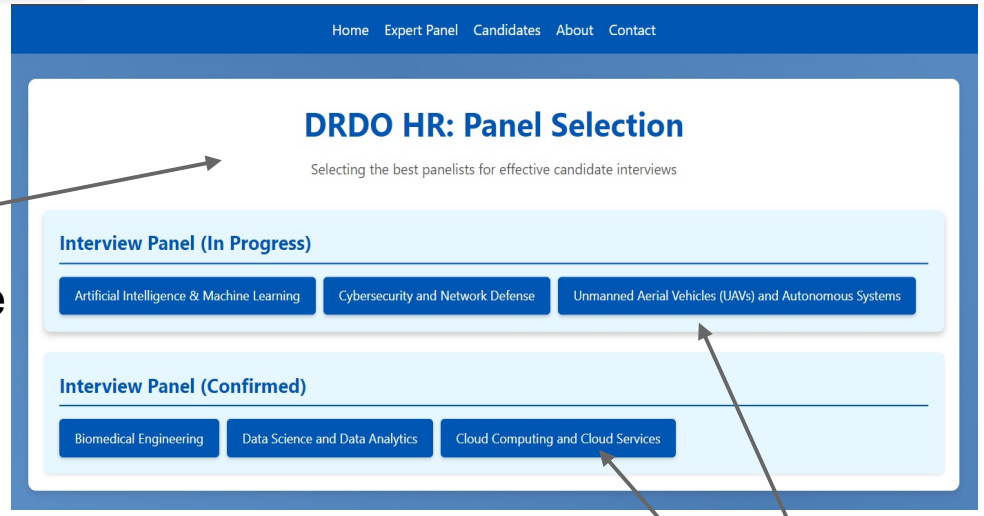
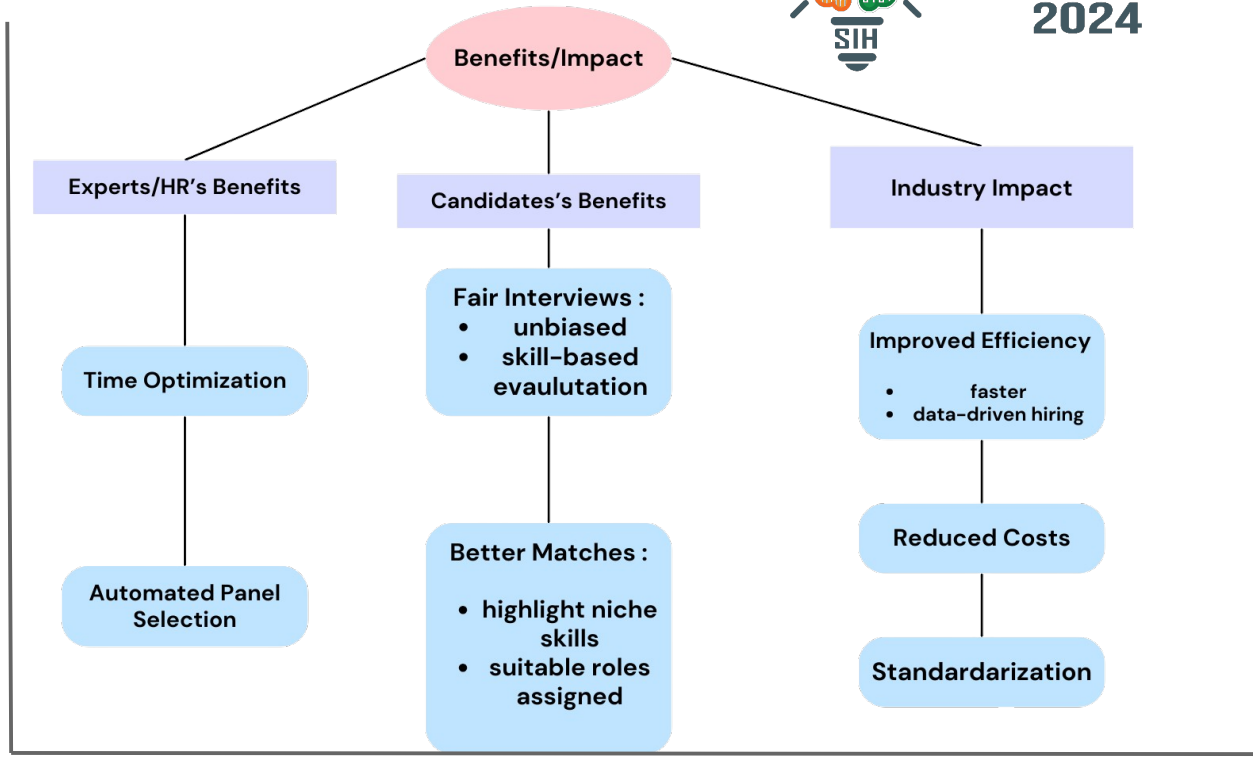
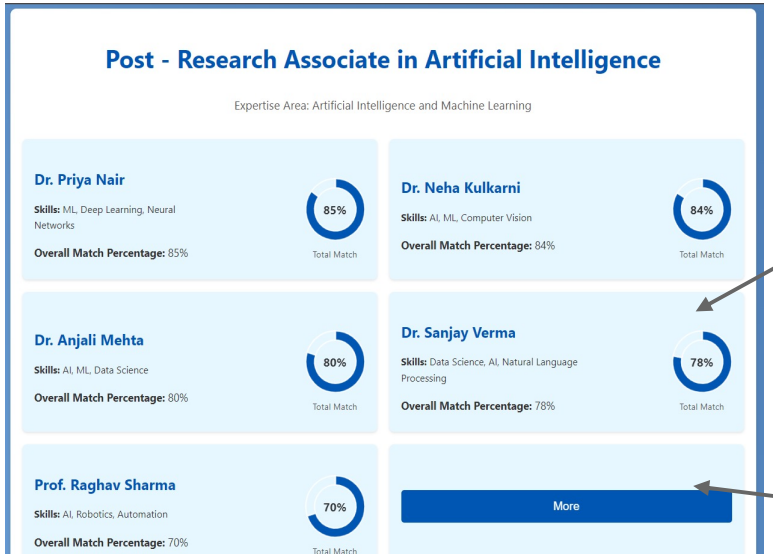
1



Easy to use GUI

Check recommended panel

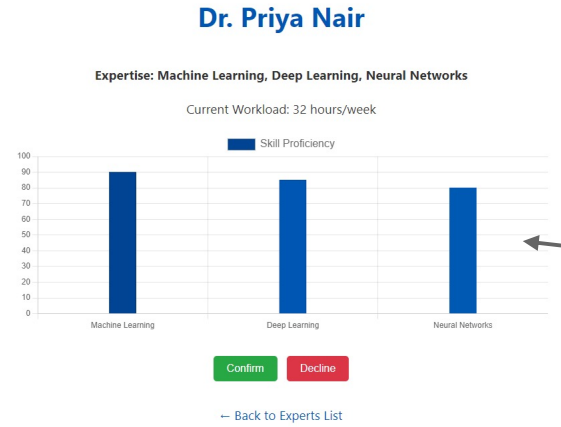




2

Gen AI based Relevency

Check all Experts



3

Detailed Report Generation

DYNAMO

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