Title of Project: Talentmatch ai
Name of the Innovator: Kiran Kumar V
Start Date: 13-10-2025
End Date: 17-10-2025

Day 1: Empathise & Define

Step 1: Understanding the Need

- Which problem am I trying to solve?

- Who is affected by this problem?

- How did I find out about this? [Select whichever is applicable]

    - Interviews

    - Observation

    - Online Research

    - AI Tools

Step 2: What is the problem?

Traditional recruitment systems rely heavily on manual screening and intuition rather than data and insights. This causes mismatched hires, longer recruitment cycles, and frustration on both sides. There's also a lack of tools that analyze candidate behavior and cultural fit — which are key to successful placements.

Why is this problem important to solve?

Hiring the right talent is critical to every organization's success. By improving how candidates are matched and how communication happens, we can reduce hiring time, improve satisfaction, and ensure better job fits. An efficient system benefits both recruiters and job seekers — saving time, effort, and costs.

Take-home task

Ask 2-3 people what they think about the project:

AI Tools you can use for Step 1 and 2:

AI Tools Used:

1. Meta MGX

- **Used to visualize and design the early workflow of the recruitment platform.**

- **Helped map out how recruiters and job seekers would interact within the app.**

- **Assisted in creating a basic no-code layout to understand user flow and requirements.**

2. ChatGPT

- **Helped identify and define the core problems in traditional recruitment processes.**

- **Assisted in writing the problem statement and refining project objectives.**

Generated ideas on how AI could improve hiring efficiency and candidate matching.3. Chatbot References

Day 2: Ideate

Step 3: Brainstorming solutions

List **at least 5 different solutions** (wild or realistic):

- **AI-Powered Recruitment Platform: Automate matching between candidates and employers using advanced algorithms.**

- **Skill Verification System: AI-based tests to verify candidate skills automatically.**

- **Behavioral Analytics Dashboard: Tracks candidate activity, engagement, and success rates.**

- **Automated Interview Scheduler: Uses AI to coordinate time slots between candidates and recruiters.**

- **Resume Optimizer Tool: Suggests improvements to candidates' resumes to increase visibility and fit scores.**

Step 4: My favourite solution:

My favorite solution is TalentMatch AI, the recruitment platform that uses intelligent algorithms to connect top talent with perfect opportunities. It streamlines the process for both recruiters and job seekers through data-driven insights and automated communication.

Step 5: Why am I choosing this solution?

chose TalentMatch AI because it solves the biggest challenges in hiring — time, bias, and mismatch. It combines smart AI matching, communication tools, and behavior tracking to make recruitment transparent and efficient. This approach saves effort for recruiters and gives job seekers a fair chance to find the right job faster.

AI Tools you can use for Step 3-5:

AI Tools for Step 3–5

1. ChatGPT:

- **Helped brainstorm creative and practical AI-based recruitment solutions.**

- **Generated detailed descriptions for each feature like AI matching, communication tools, and analytics.**

- **Assisted in refining the best solution (TalentMatch AI) and writing clear justifications for it.**

2. Meta MGX:

- **Used to design interactive mockups and visualize app workflows without coding.**

- **Helped plan user journeys for recruiters and job seekers.**

- **Simplified the process of turning ideas into functional, testable prototypes.**

3. Perplexity AI:

- **Researched latest innovations in AI recruitment and automation.**

- **Provided insights into how top hiring platforms use machine learning for matching.**

- **Helped validate that TalentMatch AI's features align with current industry trends.**

AI Tools you can use for the take-home task:

Canva AI//Meta AI: Use these mobile-based tools to generate images for the solution they want to design

Day 3: Prototype & Test

Step 6: Prototype – Building my first version

What will my solution look like?

- **AI-Powered Matching: Analyzes resumes, skills, and cultural fit for better hiring accuracy.**

- **Streamlined Communication: Built-in chat and scheduling tools to organize interviews and feedback.**

- **Behavioral Insights: AI analytics track engagement and hiring patterns for smarter decision-making.**

- **Separate Dashboards: Custom interfaces for recruiters and job seekers.**

- **Call to Action: "Start Recruiting Today" and "Explore Opportunities" for quick navigation.**

Design Style:

- Simple, intuitive, and easy to navigate for rural youth.

- Bright and engaging visuals to make learning and exploration fun.

- Mobile-friendly layout for easy access on smartphones.

Prototype Tools:

- Built using **Meta MGX**, no coding required, with all features **interactive and testable**.

What AI tools will I need to build this?

AI Tools Needed to Build CareerPath

1. Meta MGX:

- **Used as a no-code platform to design and build the TalentMatch AI interface.**

- **Helped create interactive dashboards for recruiters and job seekers.**

- **Enabled quick testing of user workflows like registration, job posting, and matching.**

2. ChatGPT:

- **Helped generate clear and engaging content for the app interface and feature sections.**

- **Designed chatbot prompts for communication between recruiters and candidates.**

- **Assisted in refining feature descriptions and making the platform's messaging professional and user-friendly.**

3. Canva AI:

- **Used to create visuals and mockups for the website and app screens.**

- **Helped design marketing banners and icons to enhance visual appeal.**

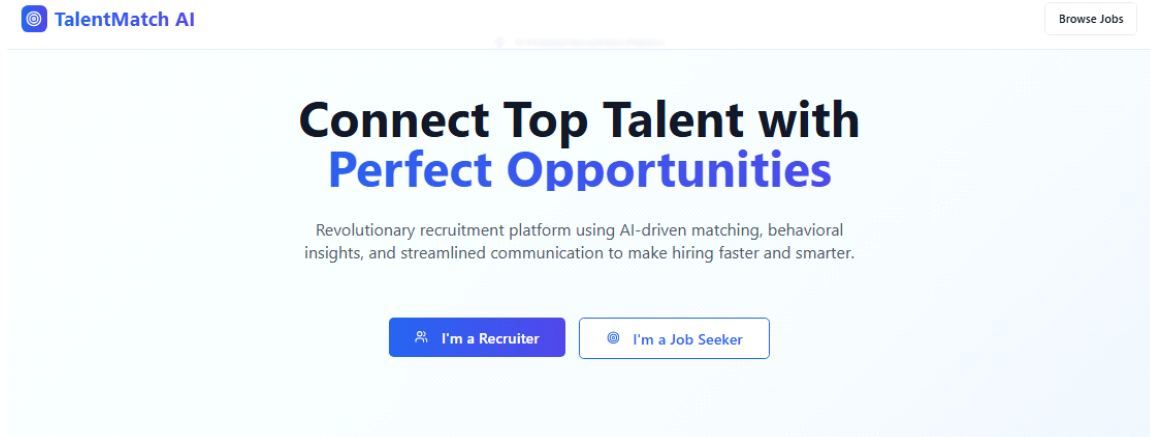- **Supported in building a consistent brand look across the interface.**

What AI tools I finally selected to build this solution?
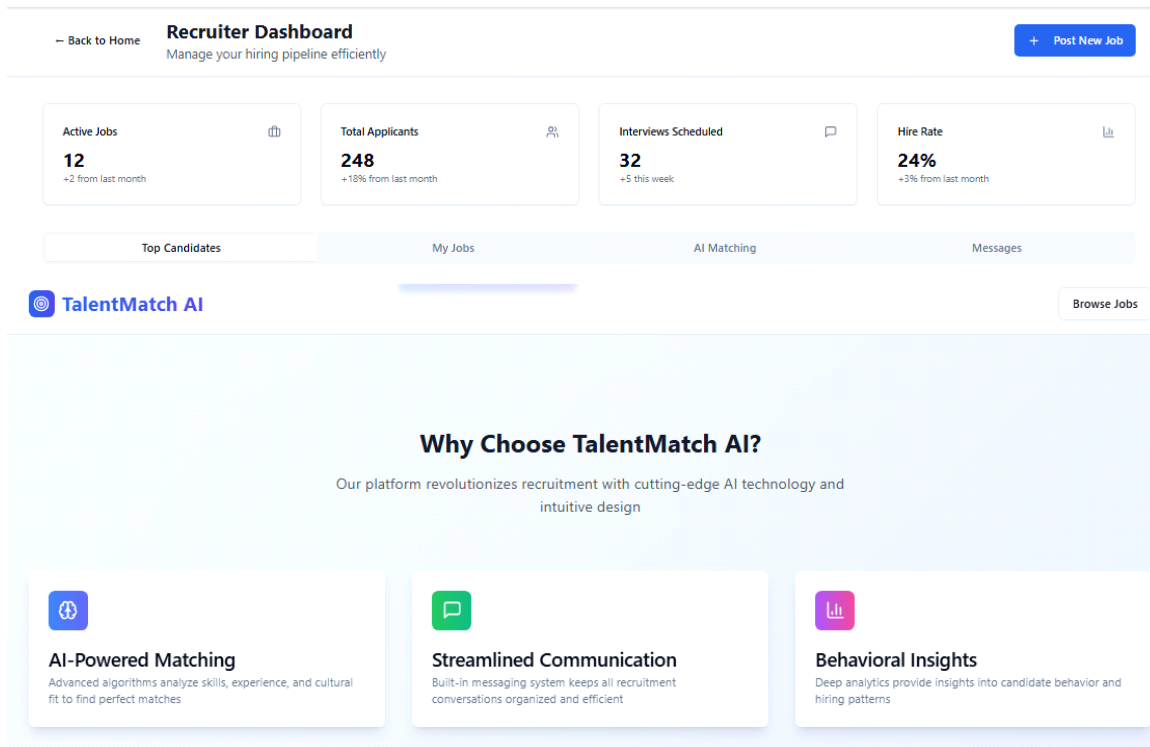
- **Chat GPT**

- **Metamgx**

< Build The Innovation>

<DASHBOAD OF THE TOOL>

Tool Link :https://mgx-soxi42rwa2n.mgx.world/

Internal Working of tool:

Step 7: Test – Getting Feedback

- Who did I share my solution with?

i shared my talentmatch ai to

- Recruiters and HR professionals — to test how well the AI matches candidates with job requirements.

- Job seekers — to gather feedback on how easy it is to browse and apply for jobs through the platform.

- Peers and mentors — to review the app's design, features, and overall user experience.

AI and tech enthusiasts — to assess the accuracy and efficiency of the AI algorithms. What feedback did I receive?

- **Feedback: Pros and Cons**

- **Pros (Positive Insights from Feedback):**

- **AI suggestions are accurate and time-saving.**

- **Smooth user interface with clear layout.**

- **Built-in messaging system simplifies recruiter–candidate communication.**

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Cons (Areas to Improve Noted in Feedback):

- Needs a feature to verify candidate profiles automatically.

- Recruiters suggested more filters for skills and experience levels.

- Mobile optimization can be improved for faster access.

- **My Response for The Feedback:**
  I plan to add a candidate verification module and advanced search filters for recruiters.

- Mobile performance will be improved for smoother user experience.

- Behavioral insights will be displayed more visually through charts.

- I'll add a short demo video to help new users understand the features.

- These updates will make TalentMatch AI smarter, more reliable, and user-friendly.

👍 What works well:

- Intuitive design and navigation.

- Accurate AI matching that reduces manual screening.

- Clear separation of recruiter and job seeker workflows.

- Smooth communication tools for scheduling and follow-ups.

- Strong branding and modern UI.

🔧 What needs improvement:

- **Add resume parsing and verification features.**

- **Enhance recruiter dashboard analytics.**

- **Improve mobile responsiveness and loading speed.**

- **Include real-time hiring progress tracking.**

- **Offer support chat for user assistance.**

AI Tools you can use for Step 6-7:

ChatGPT/Perplexity AI/Claude AI/Canva AI//Metamgx/: You can use these tools to build solutions/models or mock-up dummy prototypes

Day 4: Showcase

Step 8: Presenting my Innovation:
I am presenting TalentMatch AI, a smart recruitment platform that uses artificial intelligence to match top talent with the right opportunities.

- AI-driven job and candidate matching.

- Integrated communication and scheduling system.

- Real-time behavioral analytics for smarter decisions.

- Clean, professional interface for recruiters and job seekers.

Impact:

- TalentMatch AI transforms traditional hiring by making it faster, fairer, and more intelligent. It saves time, improves candidate experience, and empowers companies to make data-driven hiring decisions.

Step 9: Reflections

What did I enjoy the most during this project-based learning activity?

I enjoyed turning a real-world hiring challenge into a working prototype. Seeing how AI can transform recruitment and reduce bias was the most rewarding part of building TalentMatch AI.

What was my biggest challenge during this project-based learning activity?

Integrating different AI features like matching algorithms, behavioral analytics, and chat tools into a single no-code platform was challenging. Balancing technical design with user simplicity required careful thought and iteration.**Take-home task**

https://github.com/leokiran92-cmyk/TalentMatch_project-report

AI Tools you can use for Step 8:

Canva AI: You can use this to design your pitch document. Download your pitch document as a PDF file and upload on GitHub