

Access Jobs

An AI-powered job recommendation system that connects job seekers with opportunities using advanced machine learning algorithms and explainable AI technology.

- Developed at **Trae AI IDE: Zero Limits Hackathon**.
- By Team **PathFinders**.
- Demo: <https://access-job-recommendation-system.vercel.app/>



Team Members:

LOOKING FOR MEMBERS



PathFinders

A team focused on building an accessible job recommendation...




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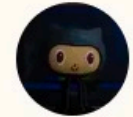
Team Idea

A team focused on building an accessible job recommendation system that helps people find jobs.






Mirza Abdullah Tariq
mirzaabdullaht935
IT Consultant








Aaryab Panta
aaryab_panta430







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Hammad Zaheer
hammad_zuheer936



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Tree AI: Infinite Possibilities
models = TreeAI.unlimited_access() for model in models: explore(model)

TRA E AI IDE : ZERO LIMIT HACKATHON

JUN 13 - JUN 15




ENROLL NOW

80K IN CASH AND PRIZES



Problem: The Job Search

"Job seekers struggle to find relevant opportunities while employers can't find the right talent"

-  **Current issue:** Manual job searching is time-consuming and ineffective
-  **Impact:** 70% of jobs are never posted publicly, millions struggle with job matching
-  **Our opportunity:** AI can bridge the gap with intelligent recommendations



Solution: AI-Powered Job Matching Platform



What it does:

Intelligently matches job seekers with opportunities using ML algorithms and provides clear explanations for each recommendation.



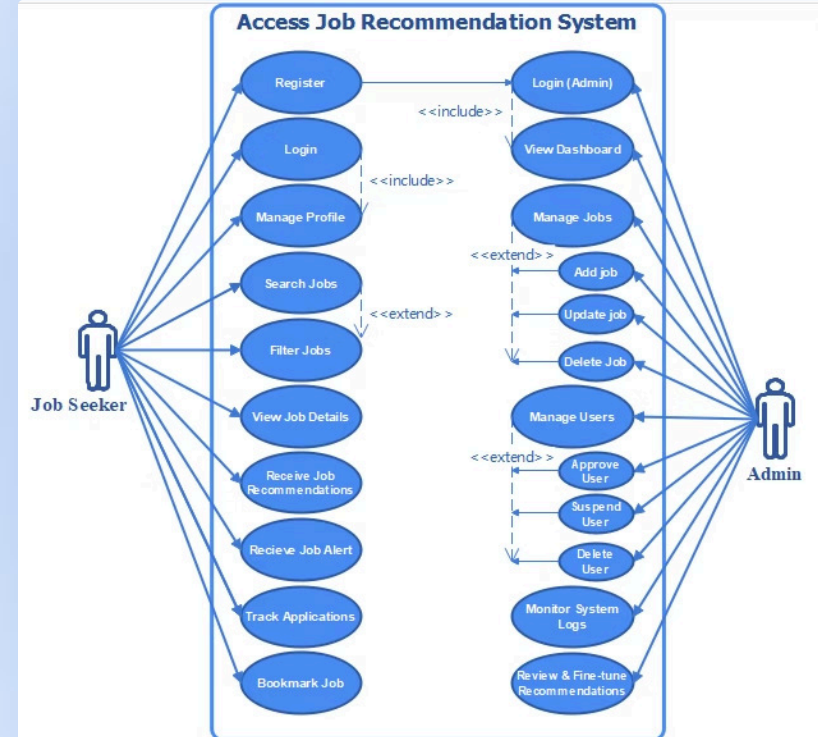
Key innovation:

Explainable AI that shows WHY jobs are recommended, not just WHAT jobs to apply for.



For whom:

Job seekers seeking personalized recommendations and employers needing better talent matching.





Tech Stack:

How We Built It

- **Frontend:** React 18 + TypeScript + Tailwind CSS
- **Backend:** Django + Django REST Framework + Python
- **AI/ML:** Novita AI API for resume parsing + Custom recommendation algorithms
- **Features:** Role-based access, responsive design, mock data simulation

Next Steps & Vision:

- 🎯 **Next:** Real ML model training, email notifications, video interviewing
- 🚀 **Vision:** Transform job matching industry with transparent AI recommendations



Live Demo



Thank You

Questions? Connect with us at

LinkedIn:

<https://linkedin.com/in/mirzaabdullaht>

Visit our GitHub:

<https://github.com/hzaheer48/access-job-recommendation-system>

Empowering better job connections, faster.