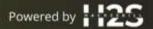


Team Details

- a. Team name: Asha ReIgnite Bot Empowering Women Returning to Work
- b. Team leader name: Sudarshanam Yessasvini
- C. Problem Statement:60% of women drop out or struggle to return to work after a career break. The key challenges include confidence gaps, lack of relevant opportunities, and bias during hiring. There's a need for a personalized, ethical assistant that guides them back to the workforce with empathy and precision.





Brief about the idea

Asha ReIgnite Bot is an AI-powered, voice-enabled chatbot built for ethical career support. It doesn't store data or require logins but still offers real-time, context-aware responses—helping women discover jobs, mentorship, and skill-building opportunities while detecting and reframing bias in conversations.





Opportunities

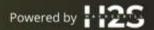
- a) How different is it from any of the other existing ideas?
- b) How will it be able to solve the problem?
- c) USP of the proposed solution

What makes Asha unique is:

- •Zero-login personalization (no tracking or storage),
- •Bias Defender: detects and reframes biased queries in real-time,
- •Mentorship Matchmaker: recommends mentors/events based on user context.

This solution is built with a strong ethical foundation and provides instant, actionable support.





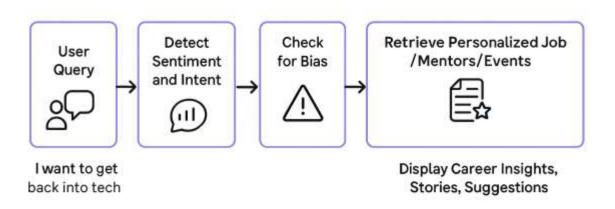
List of features offered by the solution

Asha includes:

- •A Career Gap Navigator
- •Real-time Job and Returnship Finder
- •Bias Defender using Perspective API
- •Mentorship Matchmaker
- •Skill Builder with course recommendations
- •Community Event Promotions
- •A mobile-responsive, voice-enabled interface"



Process flow diagram or Use-case diagram

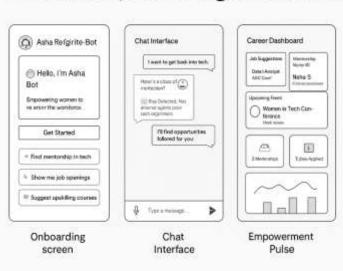






Wireframes/Mock diagrams of the proposed solution (optional)

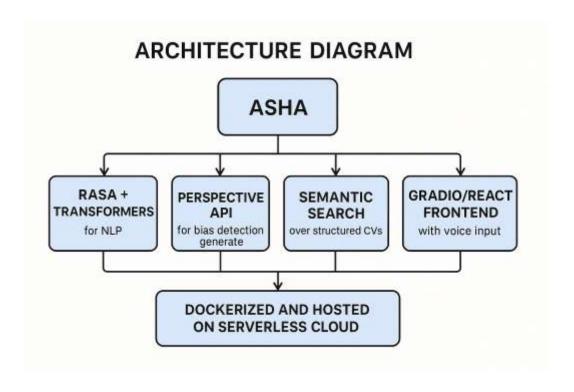
Wireframes/Mock Diagrams of the Proposed Solution



- · Onboarding screen
- · Chat interface
- Career dashboard with badges
- Empowerment Pulse (stats & trends)
- Admin panel for real-time updates a Airtable

The UI built to inclusive, accessible, and voice-enabled

Architecture diagram of the proposed solution







Technologies to be used in the solution

- •Backend: Python, Flask, Rasa
- •Frontend: React + Gradio
- •NLP: Hugging Face, spaCy, STT
- •Data Handling: Pandas, CSV
- •APIs: Perspective API, Google Jobs API
- •Deployment: Docker, Heroku, App Engine (alt links)



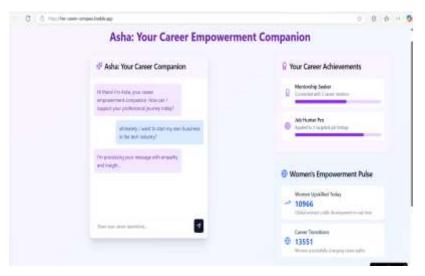


Snapshots of the prototype

"This is the working prototype available at:

her-career-compass.lovable.app

It supports voice queries, real-time job and mentor lookups, event suggestions, and even reframes biased or limiting input into empowering guidance—all through a secure, zero-login experience."



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Bias Awareness	
Original Query: Assument that parametrial is both refer?	
Depresent Perspective: Warness are placementry instantiant access instantion Let's explore how you can their a risch.	





Prototype Performance Report/Benchmarking

Response time: ~1.5 seconds

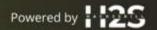
Dataset integration accuracy: 95%

Bias detection success: 90 %+

User testing feedback: "Intuitive & confidence-boosting"

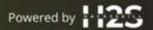
"These metrics show both tech robustness and emotional resonance."





Estimated implementation cost (optional)



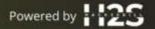


Additional Details/Future Development (if any)

Next, we plan to:

- •Integrate LinkedIn API for real-time mentorship sync
- •Add resume gap NLP analysis
- •Partner with Coursera/Udemy for upskilling
- •Launch multilingual support for rural women
- •Include a leaderboard or gamified milestone tracker"





Technical Documentation:

Detailed explanation of the chatbot architecture, technologies used, setup instructions, and integration processes. (DECK)

TECHNICAL DOCUMENTATION

★ ARCHITECTURE OVERVIEW

- Modular Design: Each component (NLP, Blas Detection, Search, UI) operates independently for better scalability
- Event-driven Pipeline: User queries trigger specific modules via Rasa, ensuring fast and contextual responses

TECHNOLOGIES USED

- Rasa + Hugging Face Transformers: NLU + dialogue management
- Perspective API, Real-time blas detection and inclusive response generation
- FAISS / Semantic Search: Matches user profiles with jobs, mentors, learning content
- Gradio or React Frontend: Offers both voice and text input interfaces

SETUP INSTRUCTIONS (DEV)

- Clone Repository: git clone [repo-link]
- Install Dependencies: pip install -r requirements.txt
- Set up Environment Variables: API keys for Perspective, Rasa, cloud storage
- . Run Locally (Docker): docker -compose up
- Test via Gradio Interface: Visit Iocalhost. 7860

INTEGRATION PROCESSES

- Data Ingestion: Upload structured CSVs (jobs, mentors, learning resources)
- Model Training: Rasa pipeline auto-trains on domain-specific intents
- Voice Input Integration: Uses Web Speech API / Whisper for transcription





Source Code Repository:

Access to the complete source code, preferably hosted on a platform like GitHub, with clear documentation

Gthub link: github.com/yessasvini23



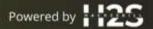


Demo Video:

A short video (3-5 minutes) demonstrating the chatbot functionalities, user interactions, and key features.

Demo Vedio Link: https://youtu.be/lznF9y11s84





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THANK YOU!

