AI Chatbot for HR INDUSTRY

Enhancing the HIRING Experience with Conversational AI

AI Chatbot for HR Industry

Description

- *Introducing our AI-powered chatbot for the HR Industry*

- *Simplify and automate the Hiring process for HR with natural language conversation experience*

- *Powered by Google Cloud NLP and ELEVENLABSAPI for human-like accuracy*

- *Can answer questions about best candidates on basis of job description.*

- *Provides personalized experience for HR.*

- *Enhances Hiring experience, improves HR satisfaction, and increases revenue for Companies.*

Our Team

Surbhi Sharma
ML Researcher
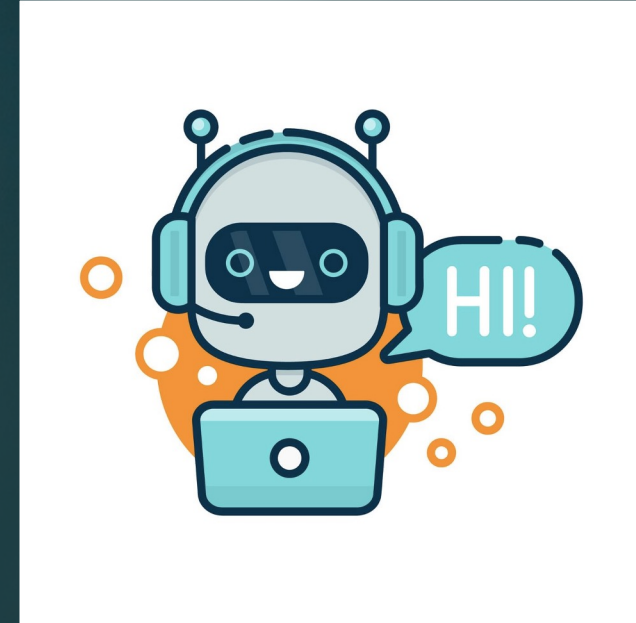
Deependu Jha
Full Stack Blockchain Developer

Irfan Mansuri
Data Scientist, AI Ethicist

AI Chatbot for HR Industry

Description

- *Introducing our multi-lingua AI-powered chatbot for the HR Industry*

- *Simplify and automate the Hiring process for HR with advanced NLP conversation experience*

- *Powered by Google Cloud NLP and ELEVENLABSAPI for human-like accuracy*

- *Can answer queries about best candidates on basis of their resume submitted given the job description.*

- *Provides personalized experience for HR.*

- *Enhances Hiring experience, improves HR satisfaction, and increases revenue for Companies.*

Problem Statement

- Market problem: Lack of personalized and efficient Hiring experiences for HR in the HR industry.

- HR people have to contact Candidates on LinkedIn on basis of specified job description. This results in tedious overhead.

- Consequences: Frustration, decreased Company satisfaction, and lost revenue for companies.

- Automating the entire process of candidates selection can lessen the overhead on HR industry and can result in saving company revenue.

OUR SOLUTION

✓ Our AI Chatbot

Our AI Chatbot is designed to provide a seamless and personalized experience to HR. By using natural language processing, it can understand HR's needs and respond accordingly.

✓ How it Works

- *When a HR visits our website, they can easily interact with our chatbot.*
- *The chatbot asks a series of questions to understand the renter's needs.*
- *Based on the HRs responses, the chatbot provides personalized recommendations and relevant information.*
- *Our Chatbot provides voice assistance TTS(TEXT-TO-SPEECH) and STT(SPEECH-TO-TEXT) to make two way communication more smooth.*

✓ Benefits

- *Saves Time: Our chatbot provides quick and efficient solutions to HRs questions and needs, reducing the time required for HR to make a Hiring decision.*
- *Personalized Experience: Our chatbot understands the HR's preferences and gives provision to them to upload a large number of Resumes and gives recommendation of top candidates on basis of job's description. Our Chatbot also allows to send Acceptance/ Rejection mail on basis of job skill set requirements to the candidates.*
- *24/7 Availability: Our chatbot is available 24/7 to provide assistance to HR, improving the availability and accessibility of our services.*

Monetary Benefits of Using an AI Chatbot:

Increased efficiency: With an AI chatbot, companies can automate the Hiring process, reducing the need for manual labor and saving time and money.

- Improved Company satisfaction: By providing quick and accurate responses to HR inquiries and offering personalized recommendations, AI chatbots can enhance the hiring experience and increase HR loyalty.
- Increased revenue: By streamlining the Hiring process and reducing the likelihood of errors, AI chatbots can help companies maximize their revenue potential by selecting right candidates for companies.
- Cost-effective: Compared to hiring additional staff or outsourcing customer service, implementing an AI chatbot is a cost-effective solution that can yield significant returns over time.

By leveraging the power of AI, companies can achieve significant monetary benefits that can ultimately lead to greater success and growth in the industry.

SUCCESS

Business Model

Subscription

Pay-Per-Use

Enterprise licensing model

- Companies can pay a monthly or yearly fee to access the platform and use it as much as they'd like.
- Companies can pay a fee each time they use the platform, with different pricing options based on the volume of usage.

Future Work

✓ *We can fine tune the chatbot by making resume parsing algorithm more robust.*

✓ *Through this chatbot, information of candidates can be maintained in database and by applying agents, information of candidates can be updated and deleted accordingly on basis of requirements.*

✓ *We have incorporated Voice assistance in Our chatbot but that process can be streamlined more to make two communication more smooth.*

THANK YOU!

Surbhi Sharma

surbhisharma9099@gmail.com

Chatbot Application

Chatbot: Hello! I'm your chatbot. Please provide me with the job description you want to match against.

Speech-to-Text with Streamlit

Choose Input Method:

🔘 Text Input

⚪ Speech

Enter job keywords (comma-separated)

Submit

Chatbot: Please provide me with the next job description.

Made with Streamlit

Chatbot Application

Chatbot: Hello! I'm your chatbot. Please provide me with the job description you want to match against.

Speech-to-Text with Streamlit

Choose Input Method:

⦿ Text Input

○ Speech

Enter job keywords (comma-separated)

java, python

Submit

Chatbot: Please provide me with the next job description.