**Project Summary:**

The project is titled as " **AI** **Recruiter – Shortlist a Suitable candidate for specific Job Role**". Here A AI Recruiter chatbot is created that uses artificial intelligence (AI) and machine learning to which screens the candidate application, shortlists for interview and identify his skills & personality traits through conversation via a [business messenger.](https://www.intercom.com/messenger) These may be questions like “WHAT WORDS WOULD YOU USE TO DESCRIBE

HOW YOU FEEL ABOUT COMING TO WORK??” or “HOW’S THE MORALE AROUND YOU?”.These chatbots use your existing information and resources, like [FAQs](https://www.intercom.com/blog/how-to-handle-frequently-asked-questions/) or [knowledge base articles](https://www.intercom.com/articles), to help answer and resolve candidates’ questions and if the particular question is out of the scope then the chatbot typically replies in a manner stating that the question is invalid, intends to answer operational questions by using IBM Watson Discovery service and redirect the candidates’ to the owner's manual that is uploaded in the Watson Discovery sevice.

**Project Requirements :**

***The project requirements are:***

1. IBM Cloud

2. IBM Watson Services

3. Node Red

4. Python and Artificial Intelligence (AI)

5. Web Framework

6. Watson Studio

7. IBM Watson Insights

**Functional Requirements :**

***The functional requirements of the project are:***

1. A chatbot able to screens the candidate application, shortlists for interview,and identify his skills & personality traits through conversation.

2. Redirect the operational queries to the owner's manual.

3. Redirect the query to the particular section of the owner's maual.

**Technical Requirements :**

***The technical requirements for the project are:***

1. Create a bot using Watson Assistant

2. Use Watson Discovery to redirect the user's query to the section of the owner's manual.

3. Use Node Red to wire together API and online services.

4. Integrating it with IBM cloud.

**Software Requirements:**

***The software required to build the chatbot are:***

1. IBM Watson Services

2. IBM Assistant

3. IBM Cloud

4. Github

5. NodeRed

6. User Interface

7. Security

**Project Deliverables :**

The model created i.e. a bot would be able to identify any operational question posted by the user and using IBM Watson discovery will redirect the user to the section of the owner's manual where the answer to the question lies.It is a comprehensive way for your candidates to connect with our  business whether employees are working or not.