

## PROJECT 13.

100906493 || SEHREEN KHAN

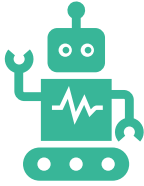
100943751 || HANI NOORBUX SHAIKH

100943852 || CHETNA MANCHANDA

100940786 || ABHINAV TANWAR

100944330 || DECLAN TREVOR KINTU





Find new staff with the  
power of Artificial  
Intelligence!



BuzzHire is an AI-powered Hiring Portal that  
uses Machine Learning to read applicant  
resumes, perform an applicant Myers-Briggs  
Personality Indicator test and match applicants  
to roles according to the skills being sought by  
the recruiter.

SO, WHAT IS  
BUZZHIRE?

# FULL FEATURE LIST:

Secure User  
Authentication and  
Authorisation

Create and Manage Job  
Posts

Apply to Job Posts

Resume Parsing

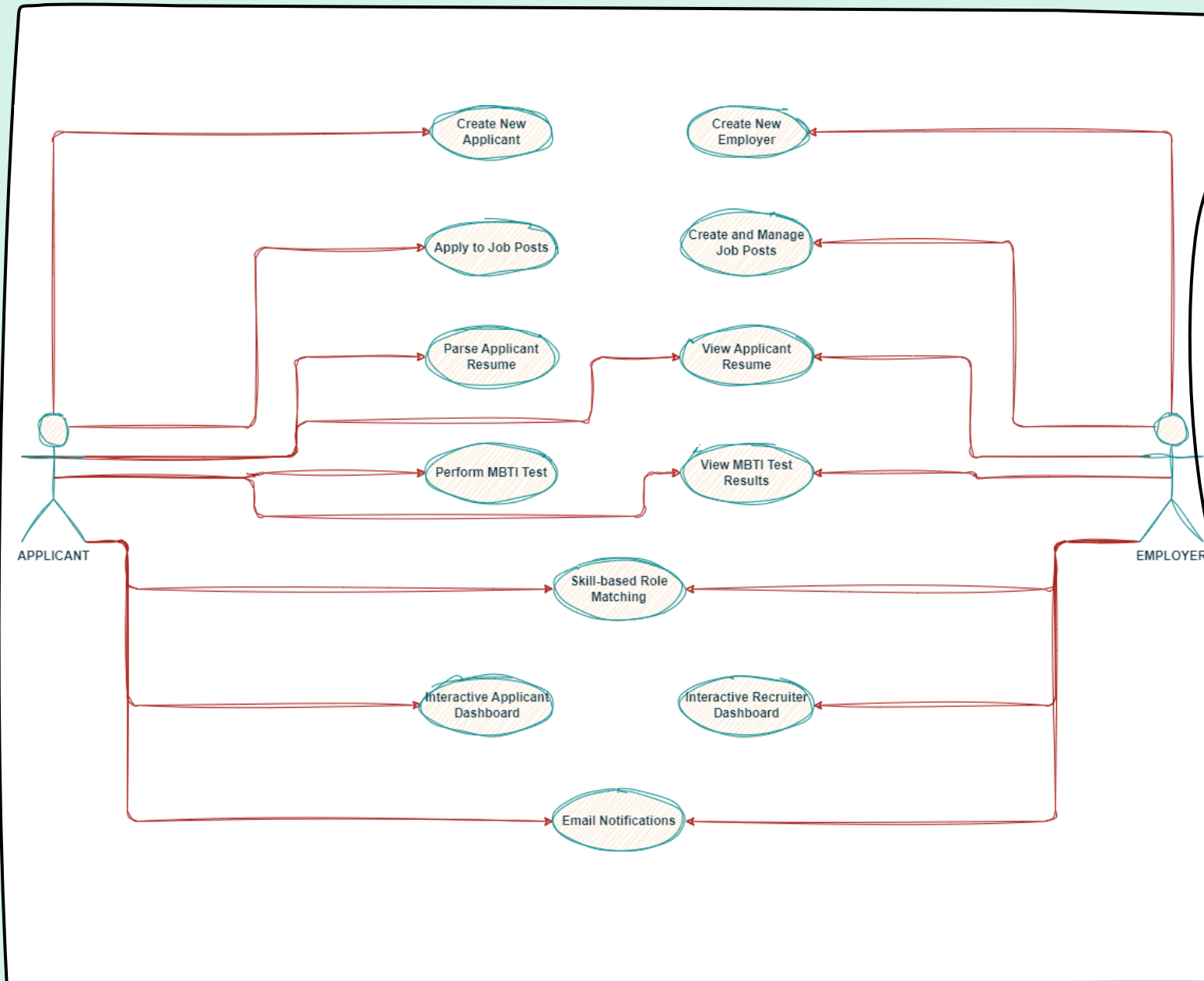
Myers-Briggs Personality  
Indicator Test

Skill-based Role  
Matching

Interactive Applicant  
Dashboard

Interactive Recruiter  
Dashboard

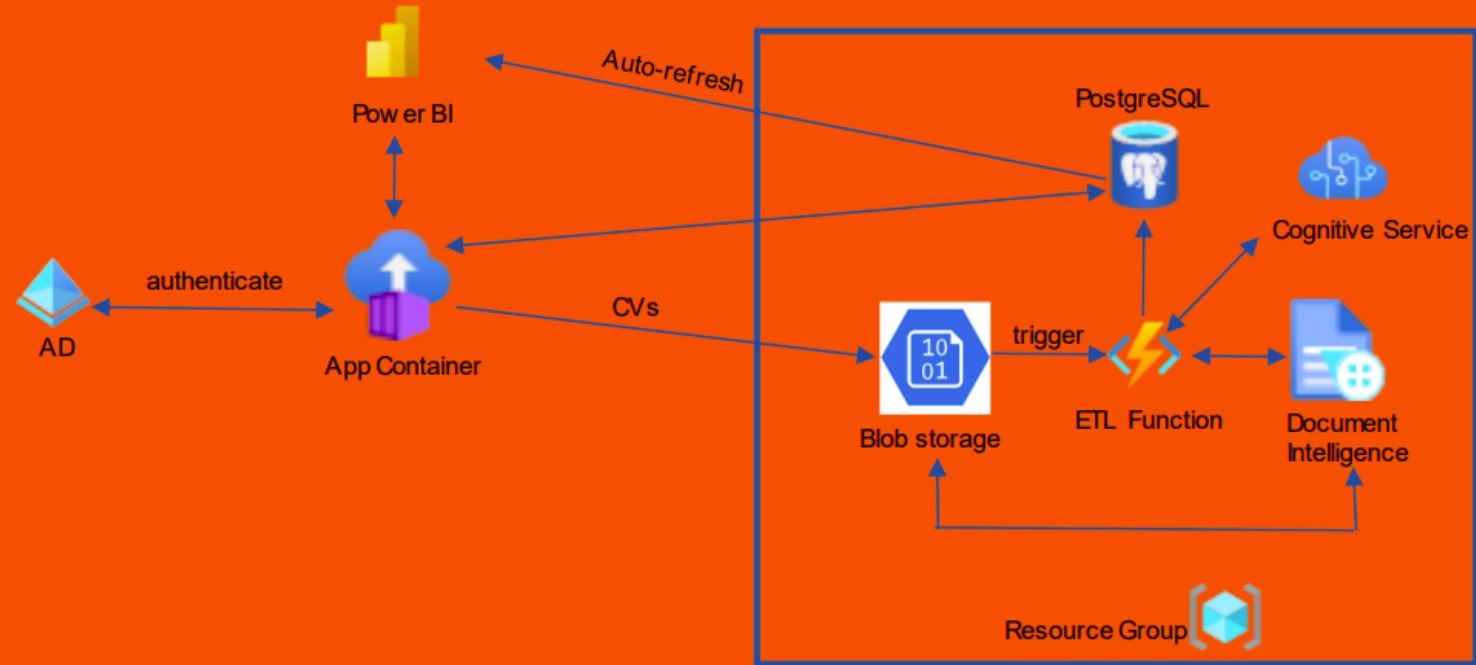
Email Notifications



FEATURES  
DESCRIBED:



V-net



APPLICATION ARCHITECTURE.

# APPLICATION TECHNOLOGIES:



Front End: The application's user interfaces are created using HTML, CSS and JavaScript.



Back End: The application uses the Django Framework in Python to serve the front end and interact with the application database.

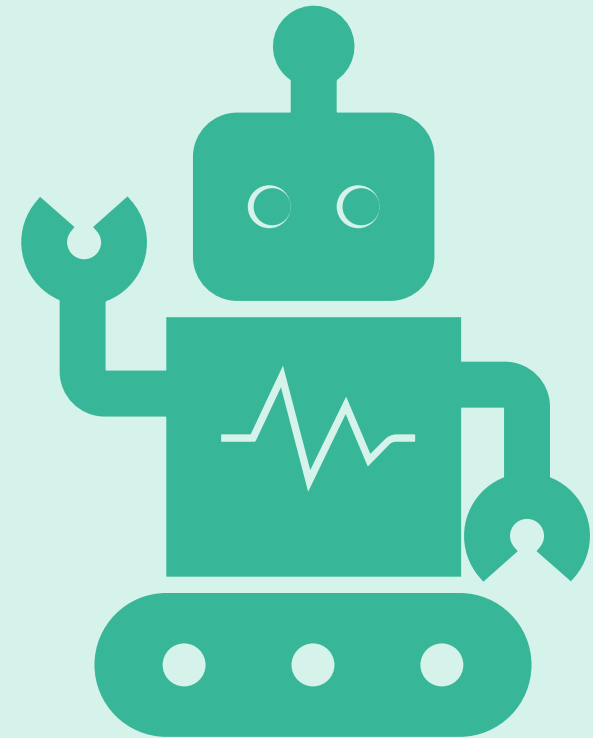


Database: The application uses a PostgreSQL Database

# MACHINE LEARNING:

As mentioned earlier our application uses Machine Learning to perform its AI features. These are the ML techniques we employ:

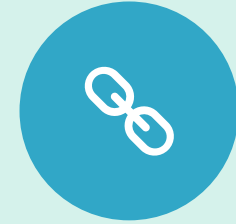
- OpenAI API to parse Applicant Resumes
- A custom-trained Random Forest Classification model to perform the Myers-Briggs Personality Indicator Test assessment
- A custom-trained Classification Model to match applicant skills to relevant recruiter job posts.



**Fin!**



A PRESENTATION BY  
THE BUZZIES.



HERE IS A LINK TO  
OUR PROJECT REPO:  
[CLICK ME!](#)



ANY QUESTIONS?