HR Hire Agent Application Workflow

HR uploads batch of resumes via bulk upload [stack of resumes being uploaded to system

System sorts candidates based on AI-generated scores [resumes sorted into shortlisted and declined piles

1

3

5

HR Creates Job

Resumes Uploaded

AI Analyzes Resumes

Automatic Sorting

HR Manages Pipeline

HR user posts new job with description [HR user at computer posting job

2

AI scores and summarizes each resume against job [AI brain scanning and scoring resumes

4

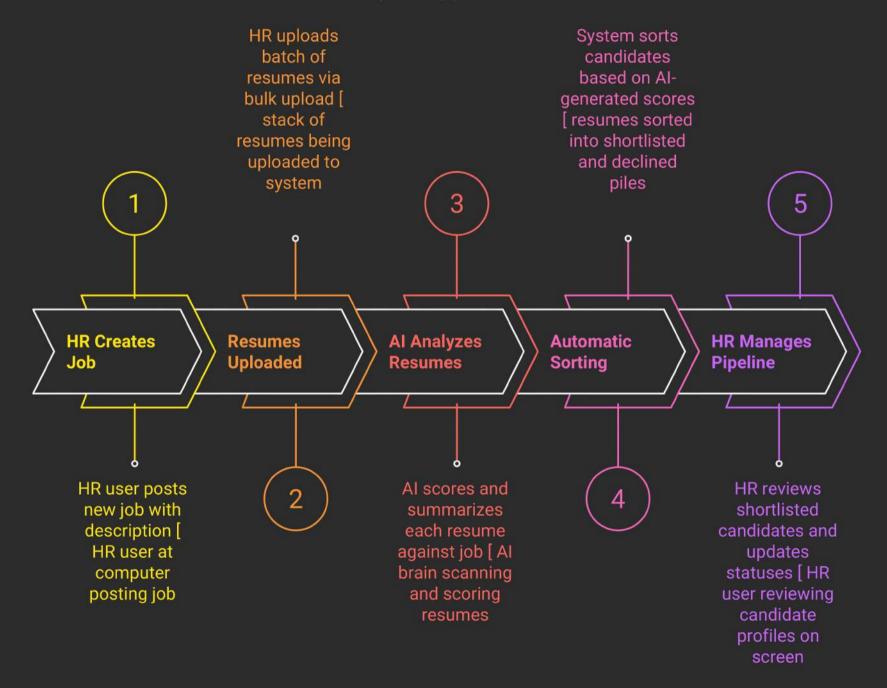HR reviews shortlisted candidates and updates statuses [HR user reviewing candidate profiles on screen

HR Hire Agent System Workflow

User Uploads Resumes

HR user uploads resume files and selects a job

Backend Manages Process

Backend manages the entire resume processing

ATSService Sends Prompt

ATSService sends a prompt to Google Gemini AI
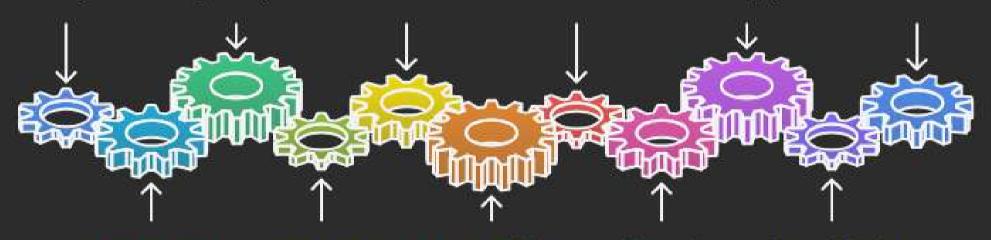
HiringService Compares Score

HiringService compares the ATS score to the threshold

User Selects Candidates

HR user selects candidates for messaging

WhatsAppService Sends Message

WhatsAppService sends messages via Twilio API

Frontend Sends Request

Frontend sends a POST request to the backend

Resume Parser Extracts Text

Resume parser extracts text from files

Google Gemini AI Responds

Google Gemini AI returns a JSON response

HiringService Saves Data

HiringService saves candidate details to the database

Frontend Sends Message Request

Frontend sends a POST request to send messages