



◦ WorklyAI

by Team ILLmatics



Introduction

WorklyAI is a comprehensive AI Agent designed to revolutionize the job application process. It automates job discovery, skills matching, and personalized outreach, saving candidates hours of repetitive work while maximizing their chances of success.

This agent eliminates manual research, ensures personalization, and enhances response rates.

Features

Profile ingestion

- LinkedIn URL/Resume data ingestion as user input

Intelligent Job Search

- Agent finds jobs from various listing sites

Automated and scheduled sending

- Emails are automatically sent to recruiters and may even be scheduled

AI - powered skills and role matching

- Extracts technical/soft skills and maps them to suitable job roles

Auto - generated email

- Personalized cover letters are generated, highlighting strengths and relevance

Approach

Frontend interaction

Scrape LinkedIn or
improve_email

Prompt Engineering + Generation

Gemini generates content, strict prompt
system to ensure concise, personalized,
value-driven output.

Security

API keys are stored securely

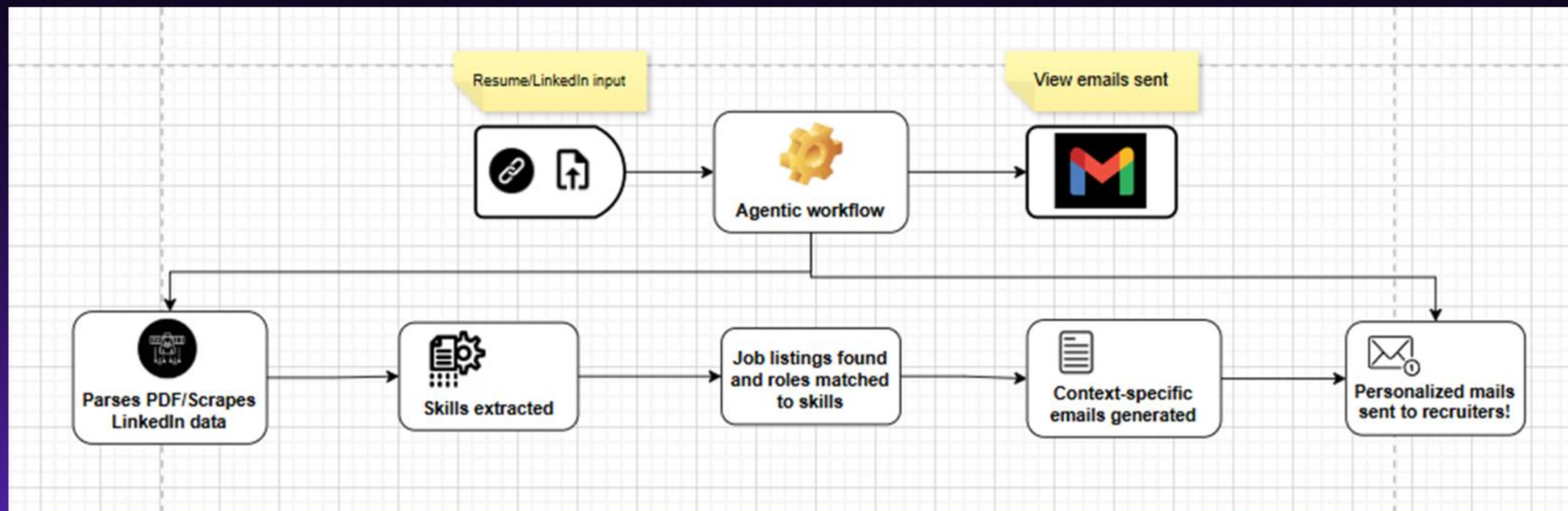
Data collection

API or LinkedIn Web Scrape
Name, headline, about, contact details

Flask API

CORS for easy integration

Workly AI



Impact



Time saving

Reduces manual copywriting time from ~30 minutes per lead to seconds.



Higher Conversion Rates

Hyper-personalized emails lead to significantly better open and response rates.



Sales Enablement

Empowers SDRs and sales teams with AI-assisted insights from target profiles.



Accessibility

Even non-marketers can use this agent to produce quality outreach emails.

Future Scope



Multi-Channel Outreach

Extend the platform beyond emails to include LinkedIn DMs, Twitter messages, or even SMS for broader and more effective outreach automation.



Personalization Engine using User Behavior

Integrate CRM data or user interaction analytics to personalize messages based on prospect behavior, improving conversion rates.



Voice & Video Message Generation

Use text-to-speech (TTS) and avatar-based video tools to create dynamic cold outreach through voice notes or personalized video intros, powered by AI.



A/B Testing for Outreach Messages

Implement an automated A/B testing system to analyze which outreach styles, tones, or prompts yield higher reply rates—continuously optimizing results.

Thank You

Team - ILLmatics

Achal Bajpai

Tadimalla Sai Sri Rama Subhakar

Om Thakare

Jayashree Manigandan