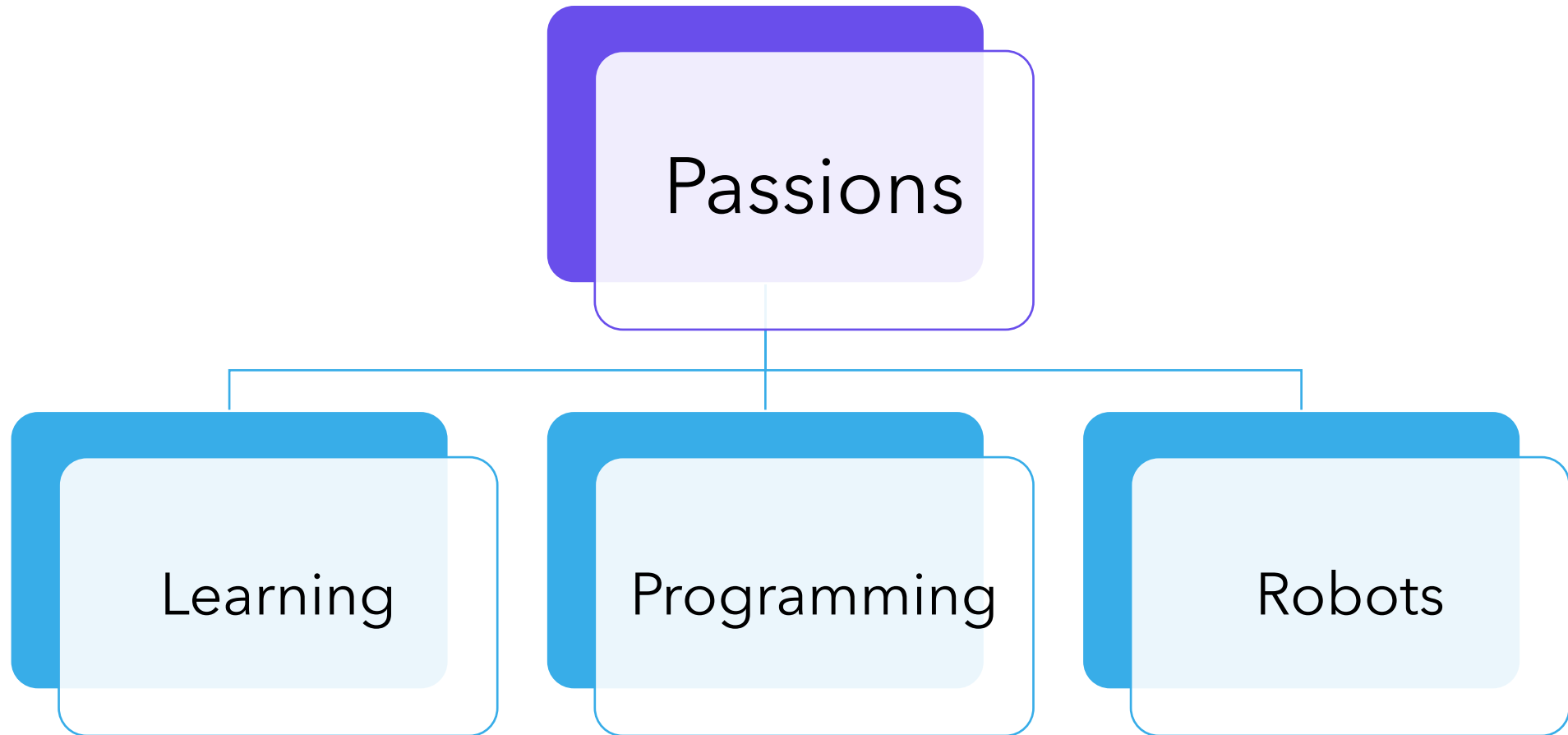


# Workforce

Continuous Intelligence



# Jeff Joneson



# Jeff Joneson

## Experience

```
graph TD; Experience[Experience] --- Node1[Joined a hackathon 10 years ago]; Experience --- Node2[10-year career in banking technology]; Experience --- Node3[Quit my job 2 weeks ago to pursue AI full time]; Experience --- Node4[Found another hackathon];
```

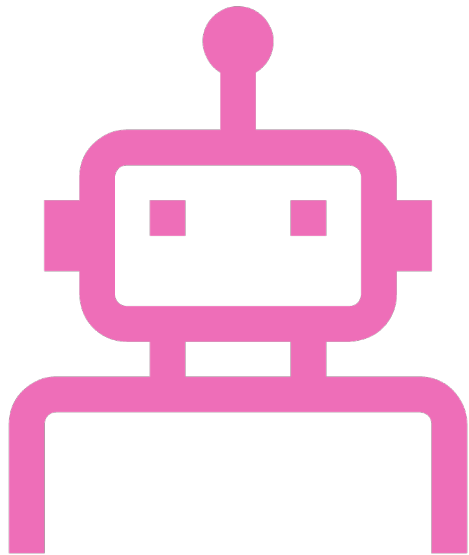
Joined a hackathon  
10 years ago

10-year career in  
banking technology

Quit my job 2 weeks  
ago to pursue AI full  
time

Found another  
hackathon

# Problem Statement



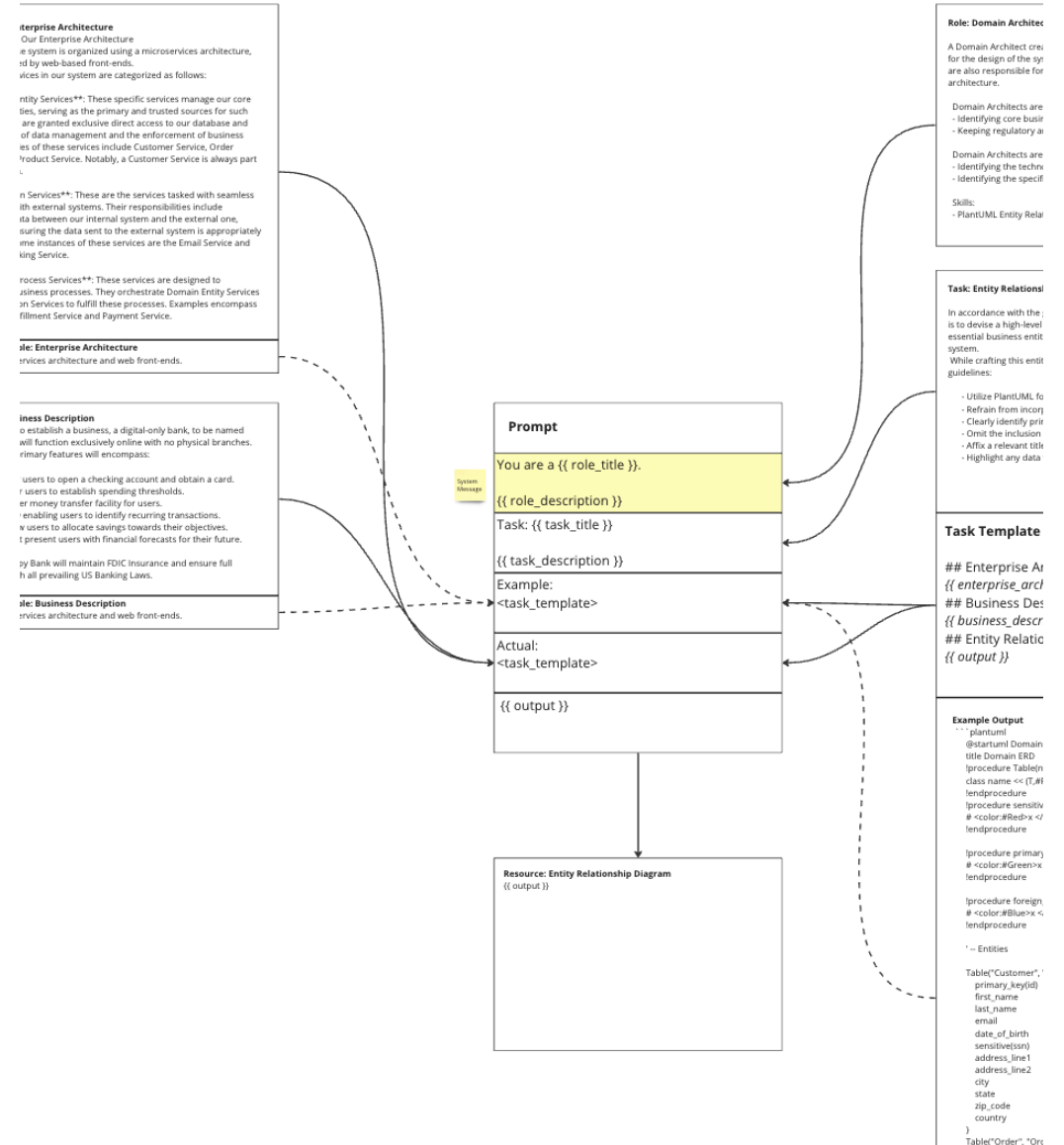
**Language Models can plug into almost all natural language interfaces, given sufficient creativity.**

However, the following requirements must be met:

- Access to the same information as humans (documentation, examples, etc.)
- They must interact with us using the same tools we use
- They must follow the same processes as humans

# Key Challenges

- Programs are deterministic, language models are not
- Given too much autonomy, things can go off the rails quickly
- Coding is not the most accessible medium
- Hard to visualize dynamic prompts



# Solution: Workforce



No-Code UI



Real-Time, Continuous  
Integration



Event-Driven

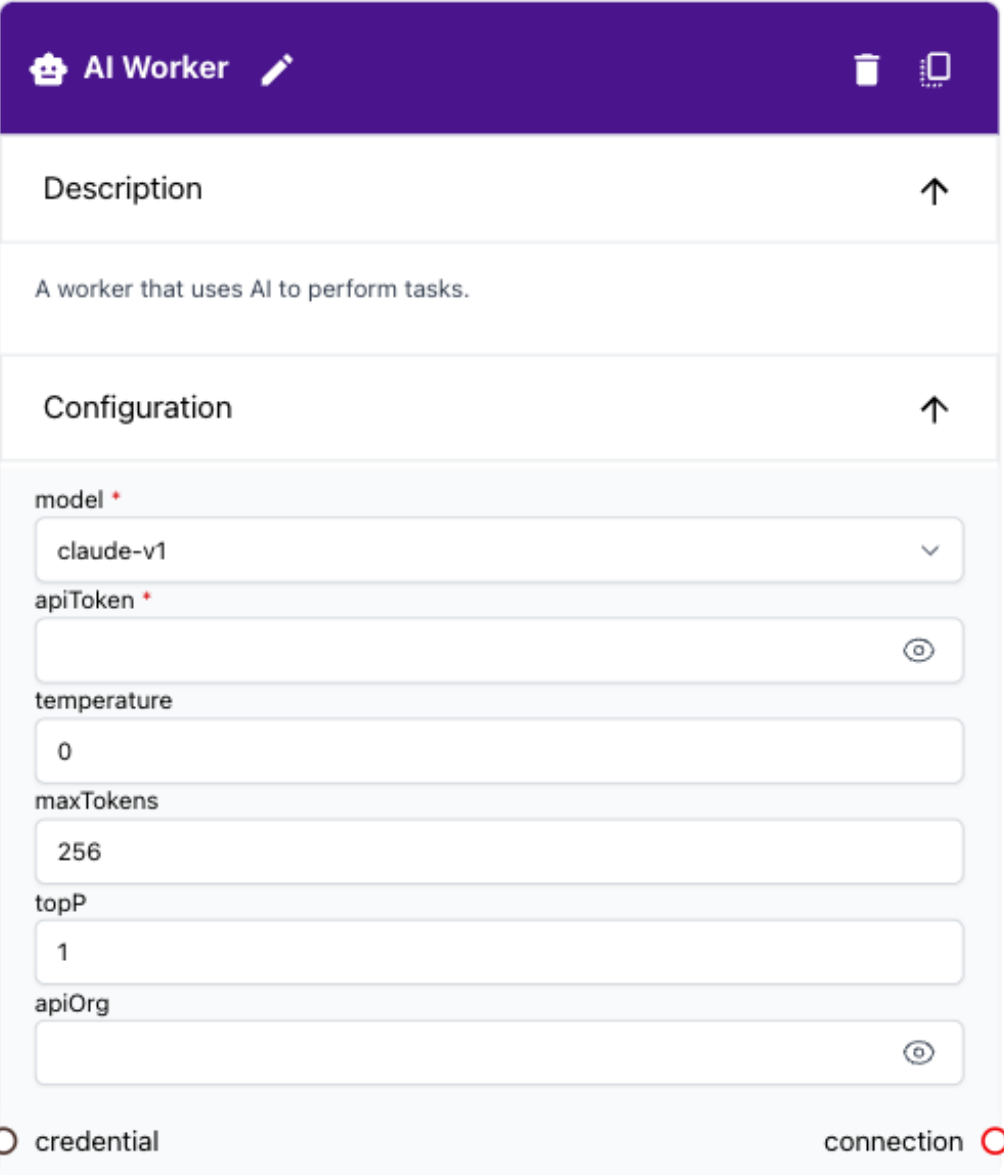


Integrate With Existing Tools

# Key Features

## Workers

Connect to external models



The screenshot shows a configuration page for an "AI Worker". At the top, there is a purple header with the text "AI Worker" and a pencil icon. Below the header, there are two sections: "Description" and "Configuration". The "Description" section contains the text "A worker that uses AI to perform tasks." The "Configuration" section contains several input fields: "model" (a dropdown menu with "claude-v1" selected), "apiToken" (a text input field with a toggle icon), "temperature" (a text input field with "0" entered), "maxTokens" (a text input field with "256" entered), "topP" (a text input field with "1" entered), and "apiOrg" (a text input field with a toggle icon). At the bottom of the configuration section, there are two radio buttons: "credential" (selected) and "connection".

AI Worker

Description

A worker that uses AI to perform tasks.

Configuration

model \*

claude-v1

apiToken \*

temperature

0

maxTokens

256

topP

1

apiOrg

credential connection

# Key Features

## Tasks

Create prompt templates

**Simple Task** Ready

**Description** ↑

Values from inputs can be templated in using `{{input}}` syntax. For example, if you have an input named "role" you can put `{{role}}` into the prompt or `systemMessage` and that value will be used in its place.

Simple Task is useful for creating a task that can be completed in a single step.

**Configuration** ↑

systemPromptTemplate

promptTemplate \*

worker result

tracker

+ Add Input

**AI Led Chat Task** Ready

**Description** ↑

A task that uses AI to orchestrate a chat

Values from inputs can be templated in using `{{input}}` syntax. For example, if you have an input named "role" you can put `{{role}}` into the prompt or `systemMessage` and that value will be used in its place.

The AI will try to fulfill the requirements for the chat based on the inputs provided

When using this task, it is helpful to provide expectations for when the task is complete. For example, you may specify in the system prompt that the AI should ask 3 to 5 questions and then end the conversation.

**Configuration** ↑

systemPromptTemplate

promptTemplate \*

completionPhrase \*

Task Complete

worker result

channel

tracker

+ Add Input



# Key Features

## External Resources

Push and pull data

The screenshot shows a mobile application interface for configuring a Github Repository. The top bar is dark blue with the text "Github Repository" and a pencil icon. Below the bar, there are two sections: "Description" and "Configuration".

**Description**

A resource that reads and writes files in a GitHub Repository

The fileTemplate configuration accepts a template using the {{name}} placeholder syntax.

When fetching, the repository will be searched for files matching the template, but only the content of the last file will be used.

When attached to a trigger, the repository will be searched for files matching the template, and the contents of those files will be emitted one at a time.

When writing, the fileTemplate will be used to determine the name of the file to write to based on incoming inputs. For example, if an XML Tag transform is connected, the attributes from the corresponding tag can be used as placeholders in the template, along with the "content" value.

**Configuration**

url \*

branch

main

filePathTemplate

{{name}}.json

username \*

personalAccessToken

credential

output

input

# Key Features

## Trackers

Pull tickets and create new ones

The screenshot shows the configuration page for a Trello Tracker. At the top, there is an orange header with the text "Trello Tracker" and a pencil icon. Below the header, the page is divided into two main sections: "Description" and "Configuration".

**Description:** This section contains the following text:  
A resource that fetches from and writes to a Trello board  
Provides the following values to the bound task:  

- ticketId: the id of the ticket
- ticketName: the name of the ticket
- ticketDescription: the description of the ticket

Expects the following values from the bound task or transform:  

- title: the name of the ticket
- content: the description of the ticket





**Configuration:** This section contains several input fields, each with a red asterisk indicating it is required:  
boardId \*  
To Do Column \*  
In Progress Column \*  
Done Column \*  
label \*  
apiKey \*  
apiToken \*


At the bottom of the configuration section, there are three radio buttons for selecting the type of input:  
 credential  
 input  
 task

# Key Features

## Channels


Connect to humans for conversations


 Local Chat Channel   


Description 

When connected to a chat task, the task will push messages to this channel in the Local Chat.

Local Chat is accessible by clicking the "Chat" button in the bottom right of the screen.

Configuration 




name 


task 

# Key Features


## Transforms

Extract data from outputs



<> XML Tag Extraction Transform   

Description 

Extracts all instances of a given XML tag from a body of text.

Configuration 

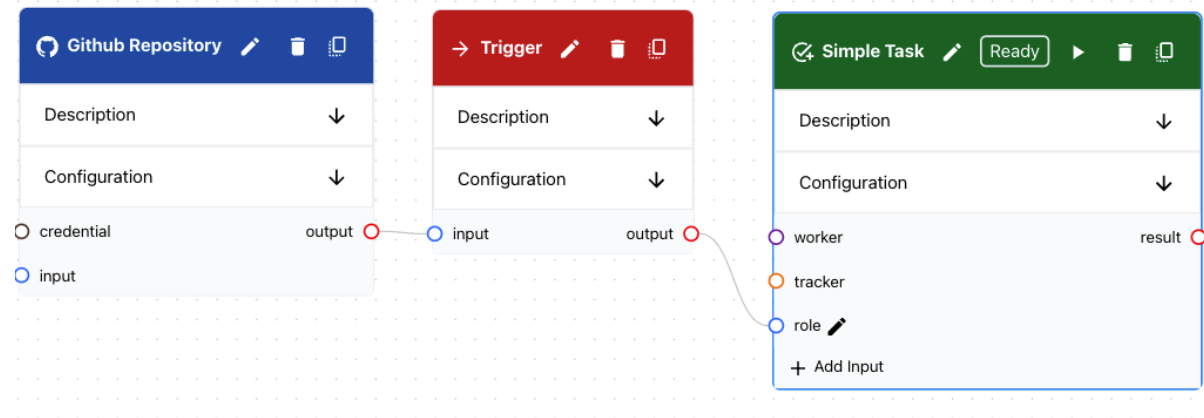
tag <sup>\*</sup>

 input  output

# Key Features

## Triggers

Trigger tasks when external resources change



# Technologies

Github Copilot

React

React-Flow

Rxjs

Zustand State Management

Express.js

# Business Model

- Free, bring-your-own-key web-only version to drive excitement
- Monthly subscription for premium features and server-side scheduling
- Enterprise deals for self-hosted or managed-hosting
- Professional services to automate existing workflows

**Demo**