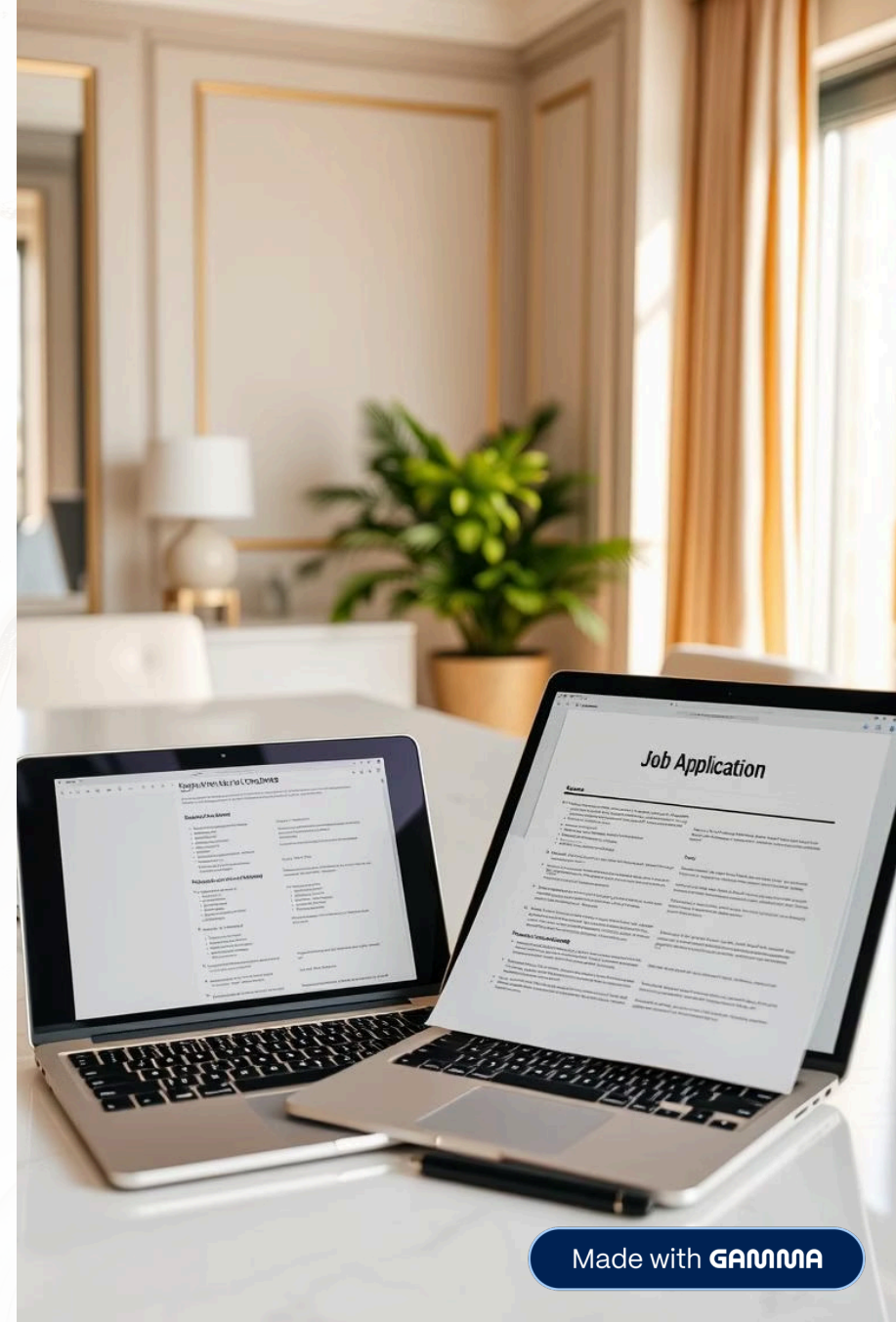
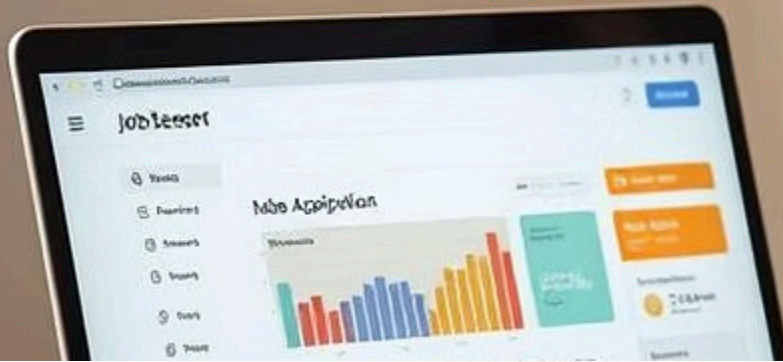


Job Application Tracker

Team Members: Me, Myself and I | Date: May 9th 2025

 by Katende Kinene





User-Centric Features & Configuration

Main Goal

Centralize and automate job application process

Problems Solved

- Manual tracking
- Inconsistent follow-up
- Lack of job posting aggregation

Core Features

- Lifecycle automation
- Paycheck estimation
- Contact management
- USAJobs API integration

User Persona

Job seekers and career counselors

Job Application Lifecycle Demo



End-User Demo

From application creation to follow-up tasks



Declarative Config

Flows manage status changes



Programmatic Touchpoints

Apex trigger creates tasks



Edge Cases

Fallback logic for no next step



Enhancement

Auto-follow-up task with due date

Paycheck Estimation Feature

User Demo

Enter salary and see real-time estimates

Declarative Tools

Formula field for hourly/monthly conversion

Programmatic Logic

Apex class handles rounding and logic

Edge Case Handling

Validates negative or null salary inputs

Enhancement

Built-in salary conversion logic



Primary Contact Assignment



User Demo

Auto-set primary contact on submission



Logic Type

Apex checks contact-company association



Behind-the-Scenes

Trigger sets Primary_Contact__c field



Edge Case

If no primary contact is found

USAJobs API Integration

User Benefit

External job postings imported into Salesforce

Demo

Postings shown in custom tab or related list

High-Level Overview

Named credentials, HTTP callout, JSON parsing

Edge Case

API failures logged in Custom Log__c

Enhancement

Retry logic and error logging

Organization Setup & Features

Data Model

- Job_Application__c custom object
- Lookups to Contact, Account, Position__c
- Flexible lifecycle and fields

Record Page

- Custom LWC
- Dynamic sections
- Embedded report chart

Behind-the-Scenes

- Profile-based field visibility
- Field history tracking



Transition to Part 2: Code Deep Dive

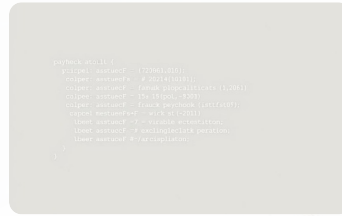
Explore the code powering user interactions and automation.

Code Deep Dive



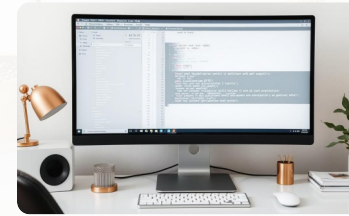
Trigger-Based Task Automation

Status-driven task creation, metadata config planned



Paycheck Estimation Logic

Custom formula, rounding, unit tests



USAJobs API Integration

Named credentials, error logging, mock testing

Transition to Part 3: Q&A

Ready to discuss data model and architecture details.

