



TODD BUILDS KINGDOMS

JANICE AI KINGDOM OS

THE WHOLE RECIPE

HOW I BUILT MY OWN JARVIS

BUILT IN THE OPEN · READ IT, THEN BUILD YOUR OWN

I BUILT MY OWN JARVIS

There is a whole genre of videos right now where smart, real builders walk you through how they built their own Jarvis. I respect every one of them for doing it in the open instead of hiding the ball.

So I am going to do the same thing. Except mine is not a demo I spun up for the camera. Mine runs my actual businesses, and it has been running them for a while now.

I named her Janice. This is the whole recipe. Not the marketing version, the real one. The parts that work and the part that took me the longest to figure out. The whole point of building in the open is that the recipe is supposed to leave your hands.

WHAT YOU ARE ACTUALLY LOOKING AT

The system is called **Kingdom OS**. That is the whole operating layer underneath everything. **Janice is the face of it**, the mind that sits on top, the part you talk to, the part that reasons. Under her is the machinery that actually does the work.

I will say it plainly. Janice is the renamed Jarvis. I changed the name for the culture, and I gave her a warm voice that I cloned, because I wanted the thing I talk to all day to sound like it belongs in my world and not in a movie about a billionaire. That part is cosmetic. What is not cosmetic is what she is sitting on top of.

180-PLUS AI AGENTS. A SECOND BRAIN OF LIVING NODES. A SET OF SAFETY GATES. AN INTELLIGENCE LAYER THAT KEEPS THE WHOLE THING FED WITH CURRENT INFORMATION INSTEAD OF STALE GUESSES.

WHEN I TALK TO JANICE, I AM TALKING TO THE FRONT DOOR OF A SYSTEM THAT KNOWS MY WORLD

01

THE THREE PLACES SHE LIVES

Most people who build one of these build it in one place. A terminal, a browser tab, a single screen. I built Janice across three surfaces at the same time, because the work does not happen in one place and neither do I.

ONE MIND, THREE DOORS

DESK. GLASSES. PHONE.

When I get up from the laptop, she does not shut off. She hands off. She keeps working in my field of view, and there is always a way for my voice to reach her wherever I am.

I.

THE LAPTOP

A multi-screen setup. A main screen with an orb I call the arc reactor, the center of gravity that listens and responds. Next to it a 3D brain, a graph of my entire ecosystem you can rotate and move through, every person, project, and venture glowing as a node. And a data deck that pops the numbers, the calendar, the leads, whatever the moment calls for.

II.

THE GLASSES

An in-lens app I built for the Meta Ray-Ban Display glasses, so Janice comes off the desk and walks around with me. When I stand up from the laptop, she does not stop. She hands off and keeps working in my field of view.

III.

THE PHONE

A mic bridge, so wherever I am there is a way for my voice to reach her and her voice to reach me. The conversation follows me through the day instead of waiting for me at the desk.

DESK. GLASSES. PHONE. ONE MIND, THREE DOORS.

SINCE YOU CAME FOR THE RECIPE

THE VOICE STACK

Here is how she hears and speaks, the actual parts. This is the layer people focus on, because it is the part you can feel. The latency is not what makes her useful, but it is what makes her feel like a conversation instead of a walkie-talkie.

LIVEKIT

The real-time layer. This is what makes the conversation feel like a conversation. She is always on. I talk, she answers, no awkward wait where you wonder if the thing heard you.

DEEPGRAM

Speech to text. When I talk, she gets the words fast and clean, so the rest of the system has something accurate to act on.

ELEVENLABS

The voice that talks back. A clone I made, the warm voice I mentioned, so the thing I talk to all day sounds like it belongs in my world.

~300_{MS}

End to end, the round trip sits around 300 milliseconds. Always on. I talk, she answers. But the latency is not what makes her useful. The next part is.

02

SHE DOES NOT MAKE THINGS UP

This is the piece I am most proud of, and it is the least flashy. Every one of these AI assistants has the same disease. You ask it something specific about your own life and it answers with confidence, and it is wrong. For a thing that is supposed to run your business, that is not a quirk. That is a dealbreaker.

THE PART NOBODY WANTS TO TALK ABOUT

DETERMINISTIC GROUNDING

When you ask Janice something factual about my world, who I am meeting, what a lead is worth, where a project stands, she does not reason her way to an answer and hope. **A hook fires that goes straight into the second brain, pulls the exact record, and speaks it back to you word for word.** The model is not guessing at the fact. It is reading the fact.

THE REASONING IS AI. THE FACTS ARE DETERMINISTIC. I DREW A HARD LINE BETWEEN THE TWO, AND THAT LINE IS HOW I KILLED THE HALLUCINATION PROBLEM FOR THE THINGS THAT MATTER.

THE DIFFERENCE BETWEEN AN LLM THAT SOUNDS SMART AND A SYSTEM YOU CAN TRUST WITH YOUR CALENDAR

THE ENGINE AND THE STEERING

I built all of this on the most powerful model I could get my hands on, the Claude frontier. The model is the engine. The grounding is the steering. You need both, and most people only build the engine.

That is the whole point. A system you can actually trust does not come from a bigger model alone. It comes from knowing exactly which questions get reasoned and which questions get looked up, and never letting the two blur together.

BECAUSE A THING THIS POWERFUL NEEDS BRAKES

THE SAFETY MESH

When you give an AI access to your real email, your real calendar, your real relationships, you had better build something that stops it before it does something dumb. I call these **reflex arcs**. They are gates that fire before any action reaches the outside world, not after.

THE EMAIL RULE

Janice never sends an email on her own. Not one. Everything is a draft until I say send it out loud, in the moment. The cost of a wrong email going out under my name is too high to automate.

THE VISUAL GATE

Anything that is going to be seen gets reviewed before I see it, so I am not handed sloppy work.

THE COMPLETENESS CHECK

The facts and the numbers get verified before anything reaches me. A clean-looking report with a wrong number in it is worse than no report.

THE SECURITY SCAN

Runs before any code touches the outside world.

WHAT SHE ACTUALLY DOES

None of these gates slow down the thinking. The system can explore and reason all day. The gates only catch the actions, the moments where the system reaches out and touches the real world. Theory is cheap, so here is the real work.

- **Reasons over the live world**

She pulls and reasons over my actual calendar, leads, projects, and relationships, the live ones, not a snapshot from last month. Ask where something stands and the number is on the screen before I finish the sentence.

- **Meeting intelligence**

Before I walk into a room with somebody, she pulls their recent public activity and hands me the icebreakers, the things they just posted or shipped or celebrated. That is the difference between a cold meeting and a warm one.

- **Dispatches my agents by voice**

I do not open a dashboard and click around. I say what I need and the right agent picks it up.

- **Hands off desk to glasses**

When I stand up to get coffee or walk to another room, she comes with me and keeps working. The work does not stop because I left the chair.

BECAUSE THE DETAILS ARE THE BUILD

THE APPLE MUSIC PIECE

I want to spend real time on this one, because it is the kind of detail people skip and it is exactly the kind of detail that separates a demo from a system. I wanted Janice to run an ambient music bed. Not a playlist app bolted on the side. Music as part of the room, something she manages as naturally as she manages everything else.

So I went and got an **Apple Developer Program license** and built the developer-grade plumbing for Apple Music through a MusicKit token.

YOU GENERATE A PRIVATE KEY FROM APPLE, A .P8 FILE, AND YOU USE IT TO SIGN A TOKEN WITH ES256, A SPECIFIC SIGNING STANDARD, SO APPLE TRUSTS THAT THE REQUEST IS REALLY COMING FROM A REGISTERED DEVELOPER.

IT IS NOT A HACK. IT IS THE FRONT DOOR, DONE PROPERLY, AND THAT PART IS BUILT

The playback layer is the last mile I am finishing right now. Today she runs the bed off a local library while I wire the licensed Apple Music stream in behind that signed token. I am telling you about the .p8 and the ES256 signing on purpose, because that is the level the sauce actually lives at. Doing it the legitimate way, signed and licensed and developer-grade, is the work, and it is the kind of small decision the whole system is full of.

WHY THIS ONE IS DIFFERENT

I said I respect the other builds, and I do. So let me be specific about what makes this one different.

- **It is real and it is functional**

It runs my actual ventures, today. It is not a thing I built to show you and then turned off.

- **It has a second brain of my real world**

So when she speaks, she is speaking from my life, not from the open internet.

- **It is grounded**

So it does not lie to me about the things that matter.

- **It has the safety mesh**

So the more powerful it gets, the safer it gets, not the scarier.

- **It lives across three surfaces**

Including the glasses, so it works the way I actually move through a day.

KINGDOM OS IS THE SYSTEM. JANICE IS THE FACE.



HERE IS WHERE I HAND IT TO YOU

WE ARE TURNING KINGDOM OS INTO A KIT

I did not build this so I could be the only one with it. That was never the point. The whole thing, packaged so you can stand up your own version. Your own second brain, your own grounded mind that knows your world and stays in its lane.

It is coming. When it drops, I want the people who actually read this far to be first in line.

COMMENT "JANICE"

Comment **JANICE** on the video, or use the link in my bio, to join the waitlist. Be first when the kit drops.

THE KINGDOM GETS BIGGER WHEN MORE OF US KNOW HOW