

Identity Architect

HOW TO BUILD A STATIC IDENTITY TOOL USING BIRTH DATE CALCULATIONS

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How the Tool Works

The Identity Architect takes one input — a date of birth — and returns a portrait across two ancient systems. Everything happens in the browser. There is no API call. No external service. No data sent anywhere. The calculation and the output are entirely local.

The person enters their date of birth and presses a button. JavaScript calculates their Mayan Tzolkin Kin and their BaZi Day Master directly from the date. The results are rendered immediately. The processing animation is a deliberate pause, not a wait time.

The result is not a reading. It is a portrait. Each data point — the Day Sign, the Tone, the Colour, the Day Master element, the branch quality — speaks directly to the person. The tool does not explain the systems. It applies them.

Input	Calculation	Output
Date of birth only. One field. Nothing else needed.	JavaScript runs both systems entirely in the browser. No API. No cost. Instant.	A direct portrait. Each data point names something specific about this person.

Why Static Over API

The previous version of this tool used the Claude API to calculate and synthesise the identity systems. That approach was replaced entirely. Here is why.

API Approach	Static Approach
Sends birth data to an external model. Output varies. Can fail. Costs tokens per use. The model generates the result, which means the result is only as accurate as the model's training data for esoteric systems.	Calculates entirely in the browser using precise mathematical logic. Output is exact every time. No cost. No failure state. No dependency on an external service. The result is deterministic.

The static approach is only possible when the systems are mathematically calculable from the input. Both the Mayan Tzolkin and the BaZi Four Pillars are pure mathematics. Given a date of birth, both produce an exact, deterministic result every time. No interpretation required at the calculation stage.

The interpretation layer — what each result means for this person — is written once as static copy and stored in the JavaScript data. Every Tzolkin Day Sign, every Tone, every Colour, every BaZi element and branch has its own portrait written directly to the person in second person. The AI wrote the copy. The tool delivers it without touching the AI again.

03 —

The Two Systems

These two systems were chosen for a specific reason. They are ancient, non-western, mathematically calculable from date of birth alone, and almost entirely unknown to the mainstream wellness audience. The tool is not trying to confirm what people already know. It is showing them that there is more out there than what they have been handed.

SYSTEM	ORIGIN	WHAT IT READS	INPUT NEEDED
Mayan Tzolkin	Mesoamerican	260-day sacred calendar. Day Sign, Tone, Colour, Kin number.	Date of birth only
BaZi Four Pillars	Chinese — 4000 years old	Year, month, and day pillars. Day Master element and polarity. Day branch quality.	Date of birth only (hour pillar omitted)

Why these two specifically. Human Design and Gene Keys are the most saturated systems in this space. Numerology is familiar to almost everyone. The Tzolkin and BaZi are genuine discoveries for most people who encounter them. The tool demonstrates that the mainstream handed you a small selection of a much larger field. That demonstration is the point.

04 —

How the Calculations Work

Mayan Tzolkin

The Tzolkin is a 260-day cycle produced by the intersection of 20 Day Signs and 13 Tones. Every date maps to a specific Kin number between 1 and 260. The calculation uses a Julian Day Number method anchored to a known reference point.

```
// Reference: 1 Jan 2000 = Kin 53
function toJD(y, m, d) {
  if (m <= 2) { y--; m += 12; }
  const A = Math.floor(y / 100);
  const B = 2 - A + Math.floor(A / 4);
  return Math.floor(365.25*(y+4716)) + Math.floor(30.6001*(m+1)) + d + B - 1524;
}
const diff = toJD(year, month, day) - 2451545;
const kin = ((52 + diff) % 260 + 260) % 260 + 1;
const sign = TZOLKIN_SIGNS[(kin-1) % 20];
const tone = TZOLKIN_TONES[((kin-1) % 13) + 1];
```

BaZi Four Pillars

BaZi uses a 60-unit cycle of Heavenly Stems (10) and Earthly Branches (12). The year pillar is calculated from a 1924 base year. The month pillar derives from the year stem group. The day pillar uses the same Julian Day Number approach anchored to a known reference.

```
// Year pillar — base year 1924 = Yang Wood Rat
const stemIdx = ((year - 1924) % 10 + 10) % 10;
const branchIdx = ((year - 1924) % 12 + 12) % 12;

// Day pillar — reference 1 Jan 2000 = Yang Metal Dragon
const refStemIdx = 6; // Yang Metal
const refBrIdx = 4; // Dragon
const diff = toJD(year, month, day) - 2451545;
const dayStem = ((refStemIdx + diff) % 10 + 10) % 10;
const dayBr = ((refBrIdx + diff) % 12 + 12) % 12;
```

05 —

Writing Result Copy That Lands

The copy is the product. The calculation gives you the data point. The copy is what makes it land. The single rule: every sentence speaks to the person. Not about the system. Not about the calendar. About them.

- 01 **Second person always.** You. Your. Never "people born under this sign" or "this archetype tends to". Speak directly to the person reading.
- 02 **State what is true.** Not "this sign is associated with" or "Tone 8 suggests". Just: you model integrity. You initiate. You find the way through.
- 03 **No system explanation.** Never explain what the Tzolkin is, how the 260-day cycle works, or what a Day Master means. The person did not come to learn the system. They came to find out what it says about them.

- 04 **Remove cells that say nothing new.** If a data point does not produce a statement that could not be derived from the other cells, remove it. Empty space is better than a cell that fills a gap with noise.
-
- 05 **Each data point is a different lens.** The Day Sign says who you are. The Tone says how you operate. The Colour says what kind of energy you carry. The Day Master says what drives you. The Branch says what quality you embody. None of them repeat each other.
-
- 06 **The meaning block completes the portrait.** After the individual cells, the meaning block synthesises the doing and the why. What are you here to do. Why does it matter. Two sentences maximum. Direct.
-

Example — the difference

```
// WRONG – explains the system
"Kin 60 is your specific point in the 260-day cycle."

// WRONG – fills space without saying anything
"You share this Kin with everyone born on your date."

// RIGHT – speaks to the person
"Ahau carried by Galactic tone. You model integrity.
You radiate without effort."
```

06 —

Build Your Own

This tool can be rebuilt by anyone using a conversation with Claude. No coding knowledge required. The conversation is the build process.

- 01 **Choose your systems**
- Pick one or two systems that are calculable from a simple input. Date of birth, name, a question set. The simpler the input the better.
-
- 02 **Define the output**
- What does each data point say about the person. Write this first in plain language before you touch any code.
-
- 03 **Instruct Claude to build it**
- Open Claude.ai. Describe what you want: what it takes as input, what it calculates, what it returns, and how it should look. Reference the OSHS visual system if you want it to match.
-

04 **Write the portrait copy**

Once the tool is built and calculating correctly, write the copy for every data point. This is the most important step. The tool is only as good as what the copy says.

05 **Iterate**

Test it on multiple dates. Tell Claude what needs changing. Every change is a new instruction.

Starting prompt for Claude:

```
Build a single HTML file. It takes a date of birth as input.
It calculates [your system] using JavaScript only – no API.
The result displays [your data points] as a portrait.
Each cell speaks directly to the person in second person.
No system explanation anywhere in the output.
Match the OSHS visual system: dark ground, Big Shoulders
Display 900, Barlow 300, signal blue #4a9eff, gradient
#FF2D8A to #FF8A3D to #A14DFF on the hero word.
```

07 —

Adapting the Framework

The architecture of this tool works for any system where a simple input produces a deterministic output. The display and copy change. The structure stays the same.

SYSTEM	INPUT NEEDED	STATIC OR API
Mayan Tzolkin	Date of birth	Static — fully calculable
BaZi Four Pillars	Date (+ time for hour pillar)	Static — fully calculable
Vedic Nakshatra	Date of birth	Static — lunar mansion from date
Chinese Zodiac depth	Date of birth	Static — year, month, day animals
Numerology	Date + full name	Static — pure arithmetic
Human Design	Date, time, and location	API — gate/channel calculations complex
Gene Keys	Human Design conscious sun gate	API — derives from HD calculation
Custom archetypes	Quiz responses	Static — if under 200 combinations

The tool works best when the systems are unfamiliar. The more recognisable the system, the more the person arrives with preconceptions. Unfamiliar systems produce the most useful response: the person genuinely does not know what to expect, which means what arrives lands without defence.

Your date of birth has been read by more systems than you have been handed.
