CLAUDE ARCHITECT IN 30 DAYS · DAY 1

Five building blocks of every Claude system.

One idea a day for designing AI that holds up in production.

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WHY THIS SERIES

I just passed the Claude Certified Architect exam.

For the next 30 days I’m sharing the ideas behind it: agents, tools, RAG and automation.

THE MAP

Every Claude system has these five parts.

1. Model
2. Prompt
3. Tools
4. Context
5. Evals

1 · MODEL

Pick the model per task, not per project.

Opus, Sonnet and Haiku trade capability against speed and cost. A classifier and a planner rarely need the same one.

2 · PROMPT

The prompt is your spec.

Who Claude is, what the task is, an example of good output, and the exact format you need back.

3 · TOOLS

Tools let Claude act, not just answer.

You describe a function

↓

Claude decides to call it

↓

Your code runs it

4 · CONTEXT

What Claude sees is all it knows.

Instructions, history, documents, retrieved chunks. More is not better. Relevant is better.

5 · EVALS

Evals tell you if a change made it better.

A fixed set of real cases you rerun on every prompt, model or tool change. Your test suite for AI.

TRY THIS TODAY

Name the five parts of one AI feature you've built.

Which one is missing? Most often, it's the evals.

Day 2: one API call, end to end

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