

MONEY GUILD AI

Complete Build Book

AI Content Automation — Raspberry Pi · Cloudflare · WordPress · Claude API

What You Build	An AI engine that writes & publishes SEO blog posts to WordPress daily
Where It Runs	Windows, Mac, Linux, or a Raspberry Pi — anything that stays on
Domain & Security	Cloudflare — domain, tunnel, SSL, CDN, DDoS protection
Website	WordPress — self-hosted, your data, your control
AI Brain	Anthropic Claude API — auto-selects the best available model
Images	Pexels API — free, keyword-relevant photos, no watermarks
Monthly Cost	~\$3.67/month everything included
Articles/Month	30 — fully automated after one-time setup

Every step was built, tested, and confirmed working on real hardware.
Beginner-friendly. Command by command. No guessing. No theory.

By Amirhesam Badiei

READ THIS FIRST — Honest Expectations

This guide shows you how to build an automated content publishing system. It does NOT guarantee income. Whether you earn money depends on niche selection, content quality review, SEO effort, backlink building, and monetization. The system handles the daily writing grind. You still need strategy, promotion, and patience.

This is for you if...	This is NOT for you if...
You own a Raspberry Pi 4	You expect instant income with zero effort
You're comfortable copy-pasting commands	You've never opened a terminal before
You have 6–10 hours for initial setup	You want a fully hands-off money machine
You understand SEO takes months	You need income within weeks
You're curious how AI pipelines work	You're not comfortable with API config files

Estimated Setup Time

- **Quick Start (first article published):** ~3 hours — follow Section 3 first
- **Full system with Cloudflare domain:** 6–10 hours spread over a weekend
- **Daily maintenance after setup:** ~15 minutes per week to review posts

Think of this as building a content engine. The engine runs itself. You drive the strategy — niche research, adding affiliate links, building backlinks, and promoting on social media.

TABLE OF CONTENTS

		The short way: run it and you're publishing
★	Express Install — One Script	Run install.bat — Windows or Mac/Linux, full system in minutes
		The complete way: every piece, behind the scenes
1	How The System Works	The engine, the flow, cost per post
2	How The AI Writes Each Post	The two-step plan-then-write method
3	Quick Start — First Article in 3h	Fastest path to see it working
4	Accounts and Monthly Costs	~\$3.67/month fully itemized
5	Raspberry Pi Setup	OS flash, SSH, SSD boot — confirmed
6	Install Apache PHP MariaDB	Web stack — exact confirmed commands
7	Install WordPress	Download, config, database, permalinks
8	Buy Cloudflare Domain	\$10.49/year — no renewal surprises
9	Cloudflare Tunnel	Zero open ports — confirmed working
10	SSL and HTTPS	Free SSL — exact working settings
11	WordPress Security	Application password for pipeline
12	Manual Setup Without the Installer	Do by hand what install.bat automates
13	The .env Settings File	Every setting explained — edit any time
14	run.py — Complete Code	The launcher — full file
15	app/__init__.py — Status Page	The small web status page — full file
16	app/scheduler.py — The Engine	Generates, images, and publishes — full file
17	How Posts Are Scheduled	1/day at your time, or 2–3/day spread out
18	The Built-in First-Post Test	It publishes a test post on first launch
19	Your Topics Become Categories	Round-robin rotation through your niche list
20	Run, Watch & Verify	Start it, read the log, confirm the post
21	Auto-Start On Boot (All OSes)	systemd / Windows startup / macOS launchd
22	After Reboot — What Persists	Services, data, firewall, keys
23	Auto-Restart Everything	Full self-recovery after power cut
24	Pexels Free Images	Keyword-relevant photos auto-fetched
25	Evergreen Titles	No year in titles — applied 3 places

26	Monetization Strategy	How to actually make money
27	Full Cost Breakdown	Every penny accounted for
28	Real Errors and Exact Fixes	Every error hit — every solution
29	Frequently Asked Questions	Beginner questions answered
30	Troubleshooting Guide	If something is broken — fix it here
31	Disclaimer and Legal	What this guide is and is not

PART 1

QUICK START

Run it in minutes — just answer a few questions. No coding required.

★. EXPRESS INSTALL — ONE SCRIPT

There are **two ways** to use this book. **(1) The short way:** just run the included installer — **double-click install.bat** on Windows, or type **bash install.bat** on Mac/Linux — and you are publishing in minutes, no coding. **(2) The complete way:** read the rest of this book to see exactly how every piece works behind the scenes and build or customize it yourself. Do the short way now; read the complete way whenever you are curious.

This is the fast lane. Your download includes a ready-to-run installer, **install.bat**, that builds the entire Money Guild AI system for you: the Python environment, all the code, your settings, your first test article, and the daily scheduler. The **same one file** runs on **Windows** and on **Mac/Linux** — use it to get running in minutes, then read the later chapters whenever you want to understand exactly what each part does.

Before you start, have these three things ready:

- A WordPress site with an **Application Password** (Chapter 11 shows how to create one).
- An **Anthropic API key** (it starts with **sk-ant-**).
- Optional: a free **Pexels API key** for automatic featured images.

1. Unzip your download. You'll find install.bat right next to this PDF.

2. Start the installer — use the line for your computer:

On Windows: just double-click **install.bat**. If a blue “Windows protected your PC” box appears, click **More info** then **Run anyway** — that notice shows for any freshly downloaded file and does not mean anything is wrong.

On Mac or Linux: open a terminal in that folder and run:

terminal

```
bash install.bat
```

No WSL needed anymore. On Mac/Linux the “.bat” ending does not matter — **bash** reads the file directly. Python 3.9+ is required; the installer tries to install it for you, and if it can't (some locked-down Windows PCs), it opens the Python download page — just tick “**Add python.exe to PATH**”, install, and run **install.bat** again.

3. Answer the prompts — WordPress URL, username, application password, Anthropic key, and your blog's niche. The installer does everything else and publishes your first article automatically.

Works for **any** niche — fitness, cars, food, finance, travel, gaming, tech, anything. During setup it asks what you blog about: type several topics in your niche (the more you add, the more accurate and varied your daily posts).

After it finishes, the daily scheduler is installed and your first article is live. To change your niche, posting time, or article length later, edit the **.env** file in the **install** folder — the full annotated source of every file is in the later code chapters.

PART 2

HOW IT ALL WORKS

Every piece explained — for when you want to understand or customize it.

1. HOW THE SYSTEM WORKS

Money Guild AI is a small Python program that runs quietly in the background and publishes a finished, SEO-optimized blog post to your WordPress site on a schedule — with no human involvement after setup. It runs on whatever you already have: a Windows PC, a Mac, a Linux box, or a Raspberry Pi that stays on 24/7.

Every run does the same five things: it picks the next topic from your list, asks Claude to **plan** the post, asks Claude to **write** it, fetches a matching photo, and **publishes** it to WordPress — creating the category and tags automatically.

what happens on every run

```
YOUR COMPUTER / SERVER (Windows, Mac, Linux, or a Raspberry Pi)
|
| The scheduler wakes at your chosen time (e.g. 08:00)
| -- 1/day at that time, or 2-3/day spread evenly across 24h
|
+-- PICK TOPIC      round-robin through your niche list (saved to disk)
|                   5 topics -> each gets a post every 5 days
|
+-- STEP 1: PLAN    Claude returns small JSON:
|                   title, slug, focus keyword, meta description,
|                   tags, 5-section outline, image search phrase
|
+-- STEP 2: WRITE   Claude returns the full article as clean HTML:
|                   ~700-900 words (max 1000), H2/H3, a list, a table,
|                   an FAQ, Key Takeaways, links to your past posts
|
+-- IMAGE           Pexels -> featured image downloaded + alt text set
|
+-- PUBLISH         WordPress REST API, in one request:
|                   creates the category (= the topic) + the tags,
|                   attaches the image, publishes the post
|
+-- REMEMBER        saves the post to history.json, advances rotation

Result: a new SEO article on WordPress every day, hands-off
Cost: ~$0.02-0.05 per article    Time: under a minute
```

The heavy AI work happens on Anthropic's servers — not on your machine. Your computer just sends the prompts and receives text back, so even a Raspberry Pi handles it easily. The whole run takes under a minute and costs a few cents.

Two ways to run it: the **installer** (Part 1) sets all of this up for you in minutes. The rest of Part 2 shows you exactly what it built and how each piece works, so you can change anything you like.

2. HOW THE AI WRITES EACH POST

The whole engine is one Python file — **app/scheduler.py** (Chapter 16). It does not use a team of separate “agents.” Instead it makes **two focused Claude calls per post**: one to **plan** the SEO, one to **write** the article. Splitting it this way is what keeps the posts long, well-structured, and reliable (the plan comes back as tiny JSON that can't break; the article comes back as plain HTML that can't get truncated). Here is every stage of a single run:

PICK

Step 0 — Choose the topic

Reads your niche list from `.env` and walks through it in order, one topic per post (the position is saved to disk). With 5 topics, the 5th comes back around on day 6. A failed run retries the SAME topic next time, so nothing is ever skipped.

→ The next category in your rotation

PLAN

Step 1 — Plan the SEO

Claude returns a small, safe block of JSON: an SEO title (max 60 chars, with the focus keyword), a URL slug, the focus keyword, a 140–155 char meta description, five tags, a five-section outline, and a short image search phrase. It is shown your recent titles for that topic so it picks a fresh angle each time.

→ Title + keyword + meta + tags + outline + image query

WRITE

Step 2 — Write the article

A second Claude call returns the full article as clean HTML (never wrapped in JSON, so it can't break): a tight ~700-900 words (never over 1000), an opening hook with the keyword, H2/H3 sections from the outline, at least one list and a comparison table where it fits, an FAQ section, and a Key Takeaways list. It naturally links to one or two of your past posts.

→ Complete, ready-to-publish HTML article

IMAGE

Step 3 — Featured image

If you added a Pexels key, it searches Pexels for the planned phrase, downloads a landscape photo, uploads it to your WordPress media library, and sets the alt text and title (important for image SEO). No key? It simply publishes without a featured image.

→ Featured image with SEO alt text

PUBLISH

Step 4 — Publish to WordPress

In one REST API request it creates (or reuses) the category — which is the rotated topic — creates/reuses the tags, attaches the image, and publishes the post live. It auto-detects and handles self-signed SSL on local sites so posting still works.

→ Live post URL + category + tags + image

SAVE

Step 5 — Remember

Appends the post (title, URL, topic, keyword, time) to `history.json` — used both to avoid repeating angles and to build internal links on future posts — then advances the rotation to the next topic.

→ `history.json` updated + rotation advanced