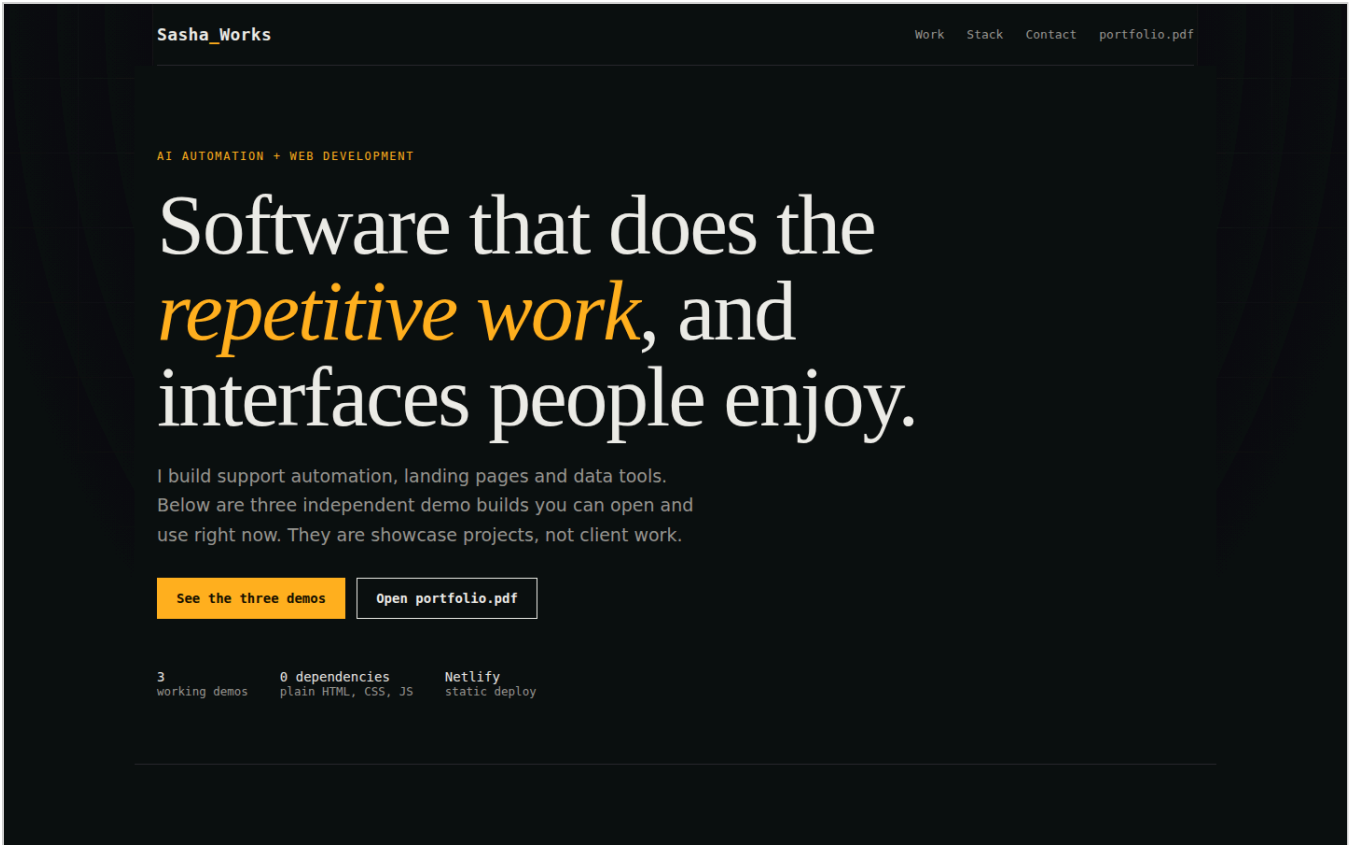


Sasha_Works. *AI automation* and web development.

Three independent demo builds: a keyword-retrieval helpdesk assistant, a SaaS landing page and a client-side CSV lead cleaner. Plain HTML, CSS and JavaScript. No backend.

Honest scope. These are showcase builds, not client projects. Flowdesk is rule-based retrieval, not an LLM chatbot.

The site



WHAT IS INCLUDED

Demo	Path	Type
Flowdesk Assistant	/flowdesk/	B2B helpdesk, keyword retrieval
Orbit	/orbit/	Concept SaaS landing page
Lead Cleaner	/lead-cleaner/	Client-side CSV tool

TECHNICAL BASIS

- Static site published from **public/** on Netlify; no build step and no runtime dependencies.
- No server-side code, no API keys and no third-party scripts, fonts or trackers.
- Contact form uses Netlify Forms and works only after deployment.

Flowdesk Assistant

Flowdesk
 Knowledge-base search · demo

All
 Account
 Billing
 Tickets
 Security
 Integrations

Demo. Independent build by Sasha_Works with a fictional product and sample articles. Answers come from keyword retrieval, not an LLM. No tickets are created and no email is sent.

Assistant (keyword retrieval)

This demo uses keyword retrieval over sample articles. It is not an AI language model and cannot answer outside the knowledge base. Each answer cites its source article; when confidence is low you are offered a human handoff.

how do I download an invoice

Settings, Billing, Invoice history lists every invoice. Select one to download a PDF. Add your VAT number under Billing details before the invoice is issued.
Confidence 93%

Source: [KB-103 Download invoices and receipts](#)

do you sell hardware

I am not confident I have an article for that. Please use the handoff form below and a person can follow up.

How do I reset my password? Download an invoice Enable 2FA Do you sell hardware?

Ask a question, e.g. how do I reset my password? Send

Talk to a human (demo, nothing is sent)

Name

Email

What do you need help with?

Request handoff

Knowledge base

Filter articles

10 articles shown

KB-101 · Reset your password

KB-102 · Update your payment method

KB-103 · Download invoices and receipts

KB-104 · Invite and remove teammates

KB-201 · Set up email forwarding to create tickets

KB-202 · Assign and route tickets automatically

[Back to portfolio](#)

WHAT IT DOES

- Matches questions to 10 sample articles using keyword and synonym scoring.
- Shows the source article with every answer and a confidence percentage.
- Below the confidence threshold it falls back and opens a human-handoff form.
- Category filter and article search; handoff form validates name, email and message.
- Keyboard operable; live region announces replies; focus moves to the first invalid field.

WHAT IT IS NOT

There is **no language model** and no network call. Answers are retrieved text from a fixed knowledge base. An LLM could be added behind a server-side endpoint in a real project; this demo does not include one. The handoff form sends nothing.

Flowdesk
 Knowledge-base search · demo

All [Back to portfolio](#)
 Account
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Demo. Independent build by Sasha_Works with a fictional product and sample articles. Answers come from keyword retrieval, not an LLM. No tickets are created and no email is sent.

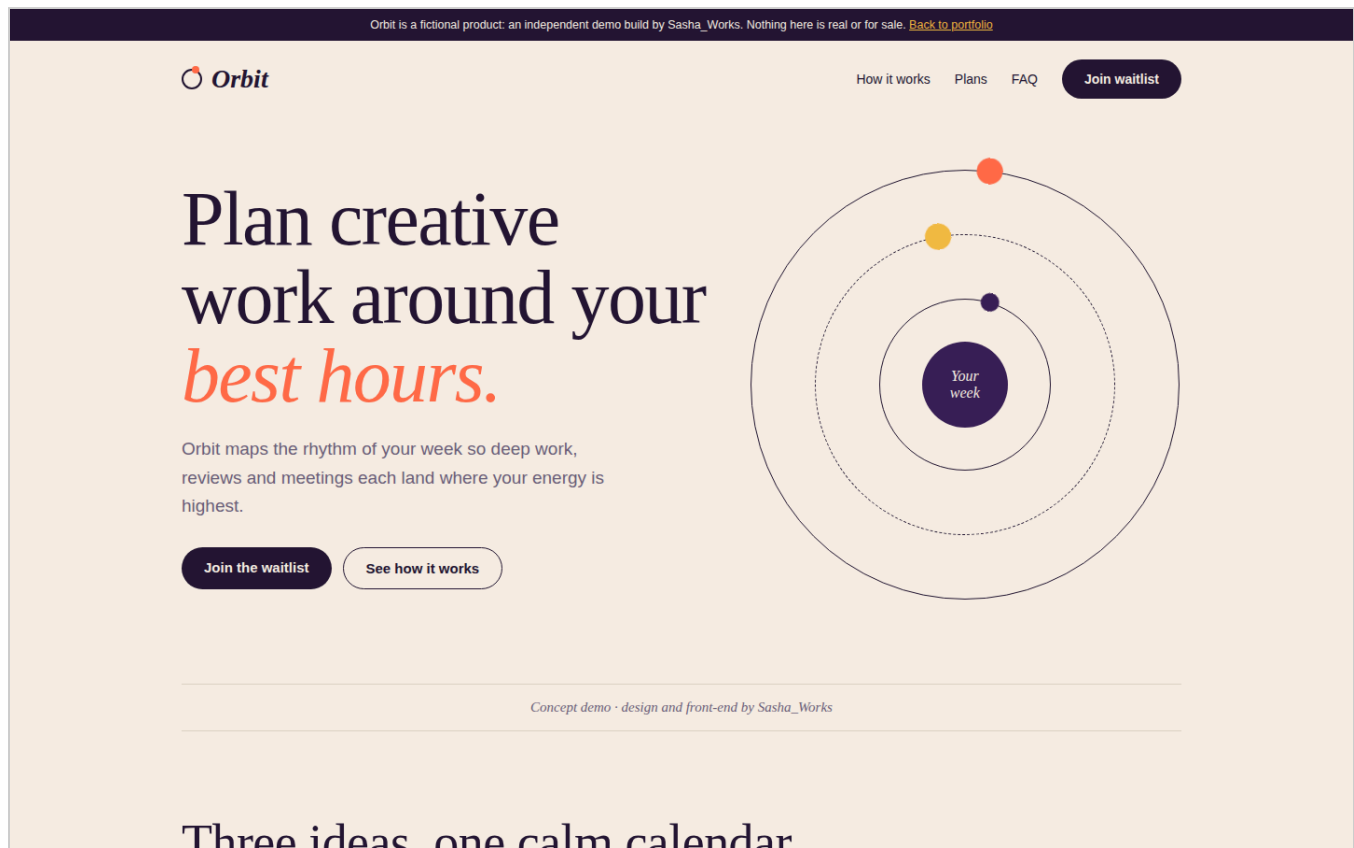
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How do I reset my password? Download an invoice Enable 2FA Do you sell hardware?

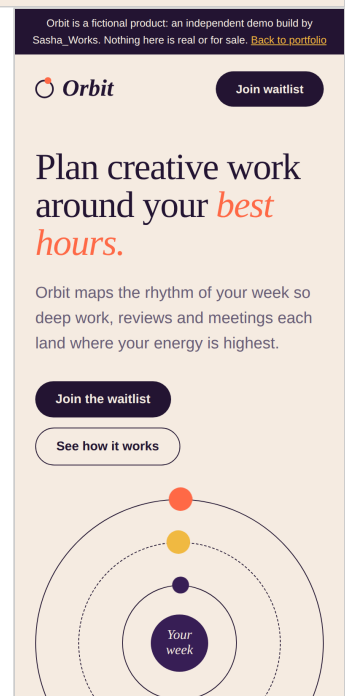
Mobile, 390 px

Orbit



WHAT IT DOES

- Original landing-page composition with serif type and an animated orbit graphic (CSS only).
- Product tour as an accessible tab list with arrow-key navigation.
- Monthly / yearly pricing switch that recalculates displayed prices.
- Waitlist form validates email, shows error and success states, and states it is a demo that sends nothing.
- Honours prefers-reduced-motion; responsive down to phone widths.



Mobile, 390 px

Lead Cleaner

1 · INPUT

Drop a CSV here

or press Enter / click to browse (.csv, .txt, .tsv)

Or paste CSV text

Name, Email, Company

Ada Lovelace, ada@example.com, Analytical Co

"Turing, Alan", alan@example.org, Bombe Ltd

Ada L., ADA@example.com, Analytical Co

Process pasted CSV

Load sample

2 · SETTINGS

Delimiter

Auto-detect

Email column

Auto-detect

☒ Remove duplicate emails (case-insensitive, keeps first)
 ☒ Drop rows with missing / invalid email
 ☒ Trim whitespace
 ☒ Neutralise spreadsheet formulas (= + - @)

Reset

Processed 8 rows from "sample": 4 kept, 4 removed.

PROCESSING STATISTICS

8 ROWS READ	4 ROWS KEPT	2 INVALID EMAILS	1 MISSING EMAILS	1 DUPLICATES	1 MALFORMED ROWS
1 FORMULAS NEUTRALISED	0 CELLS TRIMMED				

CLEANED PREVIEW · 4 OF 4 ROWS · DELIMITER ,

Download cleaned CSV

NAME	EMAIL	COMPANY
Ada Lovelace	ada@example.com	Analytical Co
Turing, Alan	alan@example.org	Bombe Ltd
'=HYPERLINK("http://evil.test")	mal@example.com	Test
Katherine J	katherine@nasa.gov	NASA

ERROR REPORT

LINE	TYPE	DETAIL	VALUE
4	DUPLICATE	Duplicate of line 2	ADA@example.com
5	INVALID	Invalid email address	grace@navy.mil
6	INVALID	Invalid email address	linus@kernel
7	MISSING	Missing email	
9	MALFORMED	Expected 3 columns, found 4	

WHAT IT DOES

- Upload, drag-and-drop or paste CSV (5 MB limit); runs entirely in the browser.
- Delimiter auto-detection: comma, semicolon, tab, pipe; RFC 4180 quoting and embedded newlines.
- Email validation and case-insensitive duplicate removal (first occurrence kept).
- Statistics and a line-numbered report of invalid, missing, duplicate and malformed rows.
- Formula-injection protection on **data cells and column headers** (leading = + - @ and control characters get an apostrophe prefix).
- Download cleaned CSV; settings toggles and reset.

Known trade-off: values such as negative numbers (-5) also receive the apostrophe prefix when protection is on. It can be switched off.

LEAD_CLEANER

Independent demo build by Sasha_Works · runs entirely in your browser, nothing is uploaded

Back to portfolio

1 · INPUT

Drop a CSV here

or press Enter / click to browse (.csv, .txt, .tsv)

Or paste CSV text

Name, Email, Company

Ada Lovelace, ada@example.com, Analytical Co

"Turing, Alan", alan@example.org, Bombe Ltd

Ada L., ADA@example.com, Analytical Co

Grace Hopper, grace@navy.mil, COBOL Inc

Linus, linus@kernel.linux

Process pasted CSV

Load sample

2 · SETTINGS

Delimiter

Auto-detect

Email column

Auto-detect

☒ Remove duplicate emails (case-insensitive, keeps first)
 ☒ Drop rows with missing / invalid email
 ☒ Trim whitespace
 ☒ Neutralise spreadsheet formulas (= + - @)

Mobile, 390 px

SASHA_WORKS

5 / 6

Testing and limits

Suite	Result at build time
Unit tests (Node test runner)	28 of 28 passed
Browser tests (Chromium via Playwright; desktop 1440x900 and mobile 390x844)	32 of 32 checks passed (16 per viewport)

COVERED

- CSV quoting, delimiter detection, email validation, duplicate removal, formula injection in cells and headers.
- Flowdesk answer matching, fallback, category filter, handoff validation.
- Orbit form states, tab keyboard handling, pricing switch.
- Contact form validation, Netlify payload shape, honeypot, error handling (network mocked).
- Every local link and asset resolves inside public/; no external resources are loaded.

NOT VERIFIED

- Firefox, Safari, real touch devices and screen readers.
- Live Netlify Forms delivery (only possible after deployment).

CONTACT

Use the contact form on the portfolio site.