

RoamTale n8n Automation - Case Study

Self-hosted, version-controlled workflows with explicit activation boundaries

OWNER-BUILT PRIVATE ARTIFACT - SANITIZED WORKFLOW SUMMARY

Scope

A self-hosted n8n instance supports RoamTale content workflows. The repository keeps credential-free workflow JSON as a versioned source while instance-specific credentials remain in the encrypted n8n store.

Workflow set

Caption webhook	Active and documented as live-tested; sends an input through an AI-assisted caption flow and returns a normalized response.
Daily content digest	Active scheduled workflow that queries the application and sends an operational digest.
Scheduled posting	Versioned template/skeleton; final posting nodes wait for controlled OAuth setup and staging tests.
Draft-ready push	Versioned credential-free template; documented as pending import and activation.

Engineering controls

- No credentials in exported workflow JSON.
- Manual or staging validation before production activation.
- Application APIs and webhooks define the integration boundary.
- Version-controlled exports preserve review and rollback.
- Active workflows and templates are described separately instead of overstating automation coverage.

What this demonstrates

The case shows practical n8n architecture, webhook design, scheduled automation, API integration, AI-assisted content processing and operational discipline. It also demonstrates an important delivery principle: a workflow template is not called live until credentials, staging behavior and production activation are verified.

Scope note: factual claims follow the public claim register at docs.mk1.rocks/claims.json.