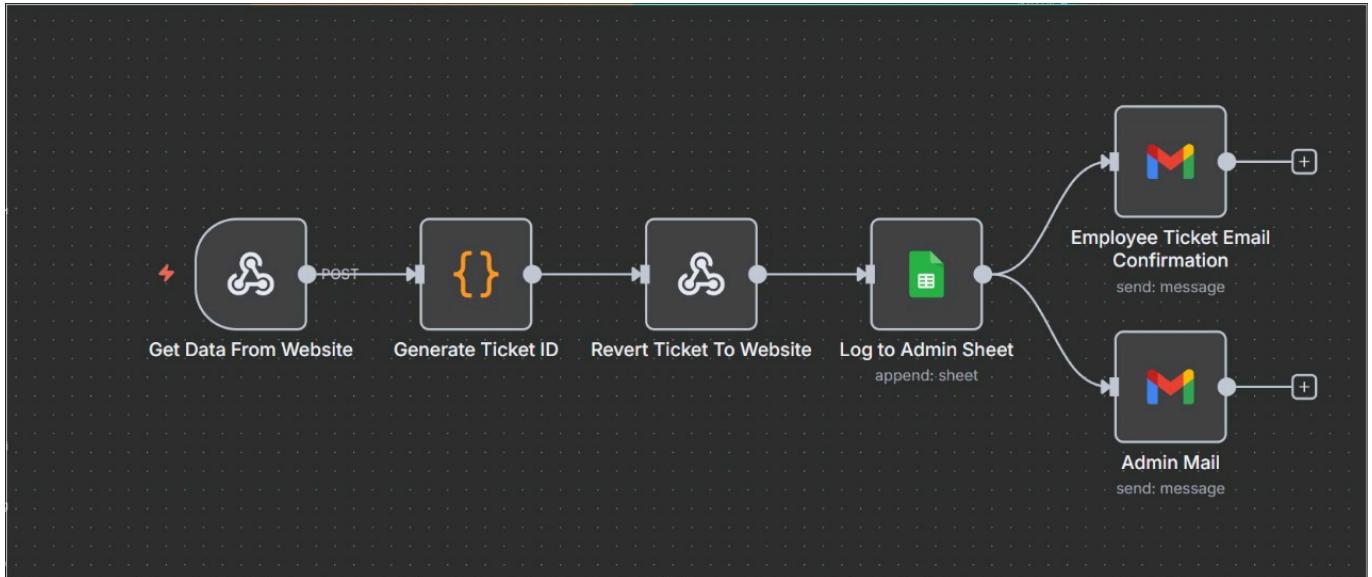


# Form-to-Inbox Pipeline - Track, Log, Notify - All Automated



## ❓ What's this n8n Workflow Does:

*This automation system handles (Employee Form Submissions End-to-End):*

1. **Get Data from Website** - Captures form responses using a webhook.
2. **Generate Ticket ID** - Creates a unique ID for each request.
3. **Send Confirmation to Website** - Pushes back the ticket ID for on-screen confirmation.
4. **Log to Admin Sheet** - Saves each entry in a Google Sheet for tracking.
5. **Send Emails** -
  - Employee gets an instant confirmation email.
  - Admin receives a copy with ticket details.



## Current Hosting Setup: **localhost (Laptop-Based)**

- I hosted n8n on my laptop using Node.js (runs on `http://localhost:5678`).
- It works **only when the laptop is powered on and connected to the internet**—typically during office hours.
- Simple for internal demos and testing without cost.

### 🔴 Limitation:

If the laptop is off (e.g. overnight or weekends), the workflow stops—**tickets can't be raised or emails sent**.

## Planned Improvement: Always-On Cloud Hosting via IT Server

To solve that, I recommend moving this to an **IT-hosted server** that runs 24/7:

- Use **Docker + n8n** on a central server (or cloud VM like DigitalOcean).
  - It'll stay online even when my system is off.
  - Ensures tickets can be submitted and processed anytime, with no downtime.
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## Summary for Decision-Makers

-  Automated ticket generation + logging + email alerts
-  Cost-free local setup (currently on my laptop)
-  Needs 24/7 hosting for full reliability
-  Proposed solution: host via company IT server using Docker for long-term uptime and scalability.