

AI Automation Developer Challenge

Instructions

Quick Note Before You Start

Your time matters, and so does ours.

This challenge is designed to show us what you can actually build, not just what's on your resume. It mirrors the type of work you'll handle as an **AI Automation Developer: Client Transformation Specialist**: creating automations that directly transform businesses.

We want to see **how you think, how you use tools, and how you solve problems**.

Here's the deal:

- This is optional, but we only review candidates who complete it.
- We know it takes time...that's why we'll send a **\$300 cash bonus** after your first **month** if you're hired, as thanks for putting in the effort.
- If you're excited by real-world impact and building automations that drive growth, this is your chance to prove it.

Bottom line: we're looking for people who **take pride in their craft and can deliver working automations quickly**.

The Challenge

👉 Please watch these Loom videos before starting:

- [Challenge Overview – Part 1](#)
 - [Challenge Overview – Part 2 \(BONUS\)](#)
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Part 1 – To-Do List App (Foundation)

Build a simple to-do list app with the following requirements:

- Framework: **Next.js**
- Database: **Supabase** (data must persist — no local storage)
- Hosting: **Vercel**
- AI Assistant: Use **Cursor** (preferred) or Lovable/Bolt

Core Features:

1. Add a task
 2. Edit a task
 3. Mark a task complete
 4. Data persists after refresh
 5. Store in Supabase (basic user identifier like name/email is fine)
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Part 2 – Chatbot Enhancement

Extend your app with a chatbot interface:

- Integrate with **N8N** (mandatory)
- Chatbot connects with Supabase (directly or via your own API — API gets bonus points)
- When a task is added, call an AI to **enhance the title** (e.g., make it clearer, break it into steps, or enrich it with relevant info).

Bonus Points:

- Add **WhatsApp integration** (Evolution API or similar).

- Use a filter so only messages with **#to-do list** trigger the bot.
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Deliverables

When finished, please submit:

1. **N8N Access** (so we can view your workflow)
 2. **Deployed Webapp URL**
 3. **GitHub Repo URL** (public)
 4. **Loom Video (5-10 minutes max)** explaining your solution and key decisions
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Submission Instructions

1. Complete Parts 1 & 2 (and bonus if you'd like).
 2. Package your deliverables (N8N access, URLs, Loom).
 3. Reply to the same email thread that sent you this challenge:
 - N8N access details (URL, Login, Password)
 - Deployed webapp link
 - GitHub repo link
 - Loom video link (max 5 minutes)
 4. **Deadline:** Submit within **3 days** of receiving this challenge.
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Evaluation Criteria

We'll assess based on:

- **Functionality** – Does it work as expected?
- **Code Quality** – Is your repo structured and clear?
- **Problem-Solving** – How well do you connect AI + automation to business use cases?
- **Use of Tools** – Effective application of N8N, Cursor, Supabase, etc.
- **Communication** – Your Loom video is concise, clear, and demonstrates your thought process.
- **Bonus** – Extra credit for WhatsApp integration or API-first design.

Good luck!