Here's how to automate your LinkedIn growth strategy to **100k followers** using AI bots built with **n8n** (workflow automation) and **Langflow** (LLM orchestration), with actionable workflows:

**Automation Architecture**

Diagram

Code

**1. Automated Content Creation (Langflow + n8n)**

**Goal:** Generate 15-20 posts/week  
**Workflow:**

Diagram

Code

**Setup:**

* Use Langflow to create a **content chain** with:

python

prompt = “””Generate 3 LinkedIn post variations about {topic} targeting {audience}.

Competitor gaps: {competitor\_data}. Use {tone} tone. Include emojis.”””

* Connect to n8n via API to trigger daily content batches

**2. Alumni Engagement Bot (n8n Core)**

**Goal:** Convert 2k alumni → 10k followers  
**Workflow:**

Diagram

Code

**Key Automations:**

* Auto-import alumni data from Sheets/CRM
* Send sequence:  
  Connection request → Follow page pitch → Story submission campaign
* Track acceptance rates in Airtable

**3. AI-Powered Ad Optimization (Langflow + n8n)**

**Goal:** Scale ads while keeping CPA < $0.30  
**Workflow:**

Diagram

Code

**AI Components:**

* Langflow prompt:  
  *“Generate 10 ad headlines for student recruitment using {top\_performing\_posts} CTAs. Max 12 words.”*
* Auto-pause underperforming ads using n8n IF conditions

**4. Real-Time Competitor Tracking (n8n)**

**Goal:** Instant gap detection  
**Workflow:**

Diagram

Code

**Track Metrics:**

* New follower counts
* Post frequency
* Engagement rate changes

**5. Viral Content Amplification (Langflow + n8n)**

**Trigger:** When post engagement > 500

Diagram

Code

**AI Prompt Example:**  
\*“Repurpose this text post about campus events into a 5-slide carousel. Use student-focused CTAs.”\*

**Implementation Roadmap**

1. **Phase 1 (Weeks 1-2):**
   * Build core n8n workflows (alumni campaign + posting)
   * Set up Langflow GPT-4 content factory
2. **Phase 2 (Weeks 3-4):**
   * Implement competitor monitoring
   * Launch AI ad optimization loop
3. **Phase 3 (Ongoing):**
   * Add viral content amplification triggers
   * Build monthly report generator (Langflow + Google Sheets)

**Tech Stack Requirements**

| **Tool** | **Purpose** | **Cost** |
| --- | --- | --- |
| n8n Cloud | Workflow automation | Free - $20/mo |
| Langflow | AI content chains | Open-source |
| LinkedIn API | Posting/analytics | Free |
| ProxyCrawl | Competitor scraping | $49/mo |
| Airtable | Alumni DB | Free tier |

💡 **Pro Tip:** Start with alumni automation → content factory → ads. Use n8n’s free tier for initial testing.

**Estimated Time Savings:**  
✅ 15 hrs/week on content creation  
✅ 8 hrs/week on manual engagement  
✅ 5 hrs/week on ad management