

SHIVANI VISHWAKARMA

AI AUTOMATION & WORKFLOW ENGINEER

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PROFILE

AI Automation Engineer skilled in LLM-powered pipelines, n8n, Make.com, and REST APIs.

Focused on eliminating manual operations and accelerating decision-making through applied AI systems.

EDUCATION

IIT Madras

B.Sc. Data Science

Expected Graduation: 2027

AI & LLMS

OpenRouter LLM APIs Prompt Eng. AI Agents Generative AI

AUTOMATION

n8n Make.com Workflow Auto. Process Auto.

INTEGRATIONS

REST APIs Webhooks Google Sheets Slack API CRM

PROGRAMMING

Python JavaScript HTML CSS

OTHER

No-Code Low-Code HITL Design Data Science

KEY METRICS

- ✓ ~8 hrs/week manual triage eliminated
- ✓ ~40% sales efficiency gain
- ✓ >70% reporting workload cut
- ✓ ~80% faster startup evaluations
- ✓ 50+/hr pitch submissions processed
- ✓ 100% consistent report formatting

EXPERIENCE

AI Automation Systems Developer (Independent) 2025 – Present

AI Lead Qualification System [GitHub]

- Built an LLM-powered decision engine to classify leads into Hot, Warm, and Cold categories in real time using prompt engineering and OpenRouter APIs — cutting triage time from ~15 minutes to under 10 seconds per lead.
- Automated CRM tagging, prioritization, and routing via n8n workflows, eliminating ~8 hours/week of manual triage work for the sales team.
- Designed an instant-response architecture that reduced lead response delay from hours to seconds, boosting sales team outreach efficiency by ~40%.

Automated Reporting & Analysis System [GitHub]

- Developed an end-to-end workflow converting raw sales data into executive-ready AI-generated summaries via LLM APIs, cutting report preparation time by ~3 hours per cycle.
- Implemented a Slack-based Human-in-the-Loop (HITL) approval system enabling managers to review and approve summaries before distribution — ensuring quality control at scale.
- Replaced repetitive data aggregation and formatting through API-driven automation, reducing manual reporting workload by over 70%.

Startup Evaluation AI Agent [GitHub]

- Designed a scalable AI scoring system to evaluate startup pitch submissions using structured LLM prompts and multi-criteria rubrics, processing 50+ submissions per hour.
- Automated structured PDF report generation for each scored submission, delivering consistent output formatting across 100% of evaluated pitches.
- Built a full end-to-end pipeline using Make.com and LLM APIs — integrating data ingestion, AI evaluation, and report delivery — reducing turnaround time by ~80% vs. manual review.

CORE COMPETENCIES

LLM Integration: Designing prompt chains and decision engines using OpenRouter and LLM APIs for real-time classification and scoring.

Workflow Automation: Building no-code/low-code pipelines in n8n and Make.com that replace manual, repetitive processes at scale.

Human-in-the-Loop Design: Embedding Slack-based approval checkpoints to maintain human oversight within fully automated workflows.

API & Systems Integration: Connecting REST APIs, webhooks, Google Sheets, Slack, and CRM systems into unified, event-driven pipelines.

TOOLS & PLATFORMS

n8n · Make.com · OpenRouter · REST APIs · Slack API · Google Sheets · Python · JavaScript