

Syed Muhammad Ismail

0332 8421247 - [Portfolio](#) - syedmismail47@gmail.com - linkedin.com/in/syed-muhammad-ismail - github.com/SyedIsmail-47

SUMMARY

AI & Automation Engineer specializing in end-to-end n8n workflow systems for client businesses – lead-generation pipelines, AI-powered outbound email sequences, and voice-AI receptionist agents. Experienced integrating Apify, Supabase, Google Workspace, Vapi, and LLM APIs (OpenAI, Gemini) into production automation delivered to healthcare, legal, and construction clients.

EDUCATION

Riphah International University

Lahore, Pakistan

BS Software Engineering

2022 – 2026

WORK EXPERIENCE

Research Assistant

Nov 2025 – Present

Riphah International University

- Researching code smells and architectural anti-patterns from code/state-management ambiguities using a structural design-based approach.

Automation Engineer (Freelance)

2026 – Present

Remote

- Designed and delivered end-to-end n8n workflow automations for healthcare, legal, and construction clients, including AI-powered lead-generation pipelines via Apify (LinkedIn, Upwork, Google My Business) with Google Sheets/Supabase CRM storage.
- Developed multi-step outbound email sequences using GPT-4o-mini for lead research, drip messaging, reply detection, and intent classification, with Slack alerts on bookings.
- Built a Vapi AI voice-calling receptionist for a medical billing CRM, integrating Supabase and n8n for outbound calls, appointment booking, and HIPAA-conscious reporting; engineered async Apify polling loops and reusable validation/deduplication logic across production workflows, with all workflow JSON generated via Python scripts.

PROJECTS

- **LinkedIn B2B Lead Generation & Outreach System** – n8n pipeline scraping LinkedIn via Apify, enriching emails, and driving an AI email drip sequence with reply detection, built for a California labor law firm with a full CRM schema in Google Sheets.
- **GMB Lead Scraper & Email Automation** – Apify-based Google My Business scraper with editable location/result parameters, paired with automated email outreach for law firm clients.
- **Medicall – AI Voice Receptionist & Billing Automation** – End-to-end medical billing CRM featuring a Vapi AI voice agent for outbound calls, scheduling, and reporting, integrated with Supabase and n8n.
- **Upwork Lead Scraper & AI Proposal Generator** – Apify scraper for healthcare billing keywords with per-keyword runs and dedup, paired with an AI proposal generator rendering branded PDFs via APITemplate.io.
- **Multi-City Weather Alert Software** – system polling Open-Meteo with OpenWeatherMap failover, using Gemini for bulletin-style alerts with city-specific thresholds, delivered via Slack.

TECHNICAL SKILLS

Automation & AI: n8n, Apify, Vapi (Voice AI), OpenAI (GPT-4o/GPT-4o-mini), Google Gemini, REST APIs, Webhooks, APITemplate.io

Data & Backend: Supabase, PostgreSQL, Google Sheets API, Google Drive API, Firebase, MongoDB

Programming Languages: JavaScript, Python, Java, C++ , SQL, HTML/CSS

Libraries/Frameworks: React.js, Node.js, Express.js, Flutter

Tools: Git, VS Code, Slack API

Other Skills: Workflow Architecture, Problem Solving, Design/Architectural Pattern Analysis, SEO

Certificates: Object Oriented Programming (Cisco), Computational Thinking, Design Patterns, JavaScript Basics, Front-End with React