

NOUR TAYEM

Toronto, ON · nourtayemo8@gmail.com · LinkedIn · GitHub · Canadian Citizen

AI Engineer · LLMs · Automation · Builder

AI Engineer with 3+ years building and deploying agentic systems, automation pipelines, and evaluation frameworks across enterprise environments. Proven track record delivering production-ready AI solutions, working directly with stakeholders, and driving measurable business outcomes across data, automation, and LLM-based workflows.

CORE SKILLS

AI and LLMs: LangChain, RAG, Prompt Engineering, LLM Evaluation, Claude API, OpenAI, Gemini, Hugging Face, Agentic Workflows

Programming: Python, SQL, JavaScript, Pandas, NumPy, Scikit-learn, Flask, REST APIs, React

Delivery: Agile, Scrum, Jira, Confluence, Sprint Planning, Stakeholder Reporting, Requirements Gathering

Cloud and DevOps: AWS, GCP, Azure, Docker, CI/CD, MLflow, MLOps, Kubernetes

Automation and Data: n8n, MCP Server, ETL Pipelines, Workflow Automation, Data Mapping

Languages: English (Fluent), Arabic (Fluent), German (Advanced), French (Intermediate)

PROFESSIONAL EXPERIENCE

AI / LLM Engineer · *Innodata Inc.* Nov 2025 – Present

- Designed structured evaluation pipelines assessing AI model output quality, security risks, and compliance across large-scale multimodal datasets for a top-tier social media platform
- Identified data quality gaps and system vulnerabilities, delivering targeted solutions that improved downstream reliability and reporting accuracy
- Collaborated across Canada and US teams to define requirements, document processes, and meet delivery milestones on time
- Applied AI-assisted tools to accelerate data quality analysis and evaluation documentation across multiple workstreams

Automation and AI Engineer · *Futurist Hub* Apr 2025 – Oct 2025

- Led client-facing engagements to scope, design, and deliver AI automation integrating LLMs, enterprise APIs, and agentic workflows
- Modernized legacy workflows by embedding AI-driven automation, achieving 32% improvement in task cycle completion
- Managed sprint planning, backlog prioritization, and release coordination across multiple concurrent delivery workstreams
- Produced workflow documentation, integration specs, and status reports supporting executive stakeholder reporting

AI Software Development Intern · *Musashi AI North America* Jan 2024 – Aug 2024

- Built Python and Flask backend features supporting AI application development within an Agile software delivery environment
- Collaborated with product and engineering teams throughout the SDLC, supporting requirements definition, feature delivery, and QA processes

AI Solutions Engineer / Prompt Engineer · *Outlier* Nov 2023 – Mar 2025

- Developed 140+ structured evaluation frameworks for enterprise AI systems, reducing validation feedback cycles by 29%
- Communicated technical findings clearly to both technical and non-technical stakeholders across distributed global teams

Digital AI Manager · *Kingco Media* Sep 2022 – Oct 2023

- Managed AI-driven automation across 79+ client campaigns, embedding automation into legacy manual workflows
- Built KPI dashboards and strategy presentations translating technical AI outcomes into business value for brand partners

KEY PROJECTS

AI Automation Suite Feb 2025 – Present

- Production-grade multi-agent automation system using Claude API, MCP server integrations, and Python — eliminated 120+ monthly manual tasks running autonomously end to end

Large-Scale Data Discovery Agent 2026

- Two-step LLM pipeline using RAG and parallel enrichment achieving 61% discovery rate across a 20,000+ record dataset with 410 net-new entries identified

Life OS — Personal AI Operating System 2026

- Full-stack AI productivity system built with Flask and LLM integration managing goals, tasks, and daily operations end to end

EDUCATION AND CERTIFICATIONS

Bachelor of Computing (Software Engineering) — University of Guelph | Graduated with Distinction, Dean's Honour Award

Certifications: DeepLearning.AI — Andrew Ng · AI Foundations (CARE-AI) · Full Stack Development (Udacity) · AI Engineering Program (Skool) · Automation (n8n)