

Pratham Goel

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SUMMARY

Automation and AI engineer who ships and operates production workflow and multi-agent systems for real clients, and owns the business outcomes they serve. Experience spans an n8n-based WhatsApp chatbot, a multi-tenant open-source CRM fork, self-hosted data infrastructure, and original risk-graded AI orchestration processes. Combines that hands-on delivery with a UBC Electrical Engineering degree, Engineer-in-Training standing, an in-progress MBA, and operating ownership of two businesses. Authorized to work for any employer in Canada under an open Post-Graduate Work Permit.

CORE SKILLS

AI & Automation: n8n, multi-agent orchestration, per-role model routing, risk-graded review workflows, Ollama, MCP configuration and troubleshooting

Software & Data: Python, TypeScript/JavaScript, Next.js, FastAPI, SQL, PostgreSQL, Supabase, hand-written RLS policies

Infrastructure & Quality: Docker, Docker Compose, Cloudflare Workers and Pages, Wrangler, Playwright, pytest, accessibility and security verification

Product & Operations: requirements scoping, roadmap and priority calls, vendor and partner management, process design, stakeholder communication

SELECTED PROJECTS & OPERATIONS

Auretris — WhatsApp AI Chatbot

- Designed and operate an n8n workflow set that answers prospective-student FAQs and routes leads for a live education-consulting business.
- Maintain a public GitHub repository with a sanitized architecture and operations overview; production workflows, client data, and credentials remain private.

Kuanli — Production CRM Operations

- Customized, extended, and operate an open-source WhatsApp CRM fork using Next.js, TypeScript, Tailwind, self-hosted Supabase/PostgreSQL, Docker Compose, and Ollama.
- Administer its multi-tenant deployment for an education consultancy and a second production client, including hand-written PostgreSQL row-level-security migrations.

Multi-Agent Build and Review Systems

- Designed a formal R0–R5 workflow that routes work across multiple frontier models by role, separating the implementer from an independent reviewer, with risk-based approval gates before production changes ship.
- Designed and operate an automated build pipeline that produced two applications under a three-gate protocol covering security, race conditions, seed integrity, and accessibility.

Skeure Education — Business and Automation Operations

- Own and operate an education-consulting business and its operational hub, setting priorities across admissions targets, partner universities, and the automation roadmap.
- Operate a live Astro, TypeScript, and Tailwind site on Cloudflare Pages, plus original orchestration tooling with review modes, durable logs, and a single-writer lock.

PROFESSIONAL EXPERIENCE

Project Coordinator, Electrical Infrastructure | InfiSol Technical Services Ltd.

Vancouver, BC | May 2024–September 2025

- Coordinated AutoCAD pathway and routing design, drawing QA, material take-offs, and field activities for commercial and municipal FTTN/FTTH projects.
- Interpreted site surveys for the Granville–Broadway ICT upgrade, rural Alberta telecom expansion, and Vancouver Island fiber-backbone work, supporting field teams through installation and commissioning.

Design Team Admin & Mechatronics Support | UBC Baja

September 2021–August 2023

- Managed documentation, timelines, and revision control for an electrical sub-team of more than 20 members.

EDUCATION & CREDENTIALS

Bachelor of Applied Science, Electrical Engineering, University of British Columbia — Conferred May 2024

MBA candidate, Lovely Professional University — In progress; expected 2027

Engineer-in-Training, Engineers and Geoscientists BC — 2024–present

Canadian work authorization — Open Post-Graduate Work Permit valid through June 6, 2027