

CEDRIX JOHN M SARMIENTO

AI AUTOMATION ENGINEER

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PROFESSIONAL SUMMARY

AI Automation Engineer specializing in agentic workflows and end-to-end automation across n8n, Make.com, and Google Apps Script. Hands-on experience integrating LLMs (Claude API, Claude Code, ChatGPT/OpenAI) into booking agents, lead-intake bots, recruitment pipelines, and customer-facing chat. Strong engineering backbone in Python, SQL, and JavaScript — currently running 20+ production data pipelines processing 400K+ rows daily for a US-based clinic. Live work and ongoing projects: cedrixjohn.dev.

WORK EXPERIENCE

Data Analyst | Operational Support Specialist — New York Family Dentistry, Brooklyn, NY

Aug 2024 – Present

- Built and maintained 20+ Python automated data pipelines processing 400K+ CSV/Excel rows daily into validated Google Sheets reports, removing the bulk of manual data prep across teams.
- Designed and deployed 15+ interactive call-handling scripts (HTML, CSS, JavaScript) on Google Sites, guiding live patient/caller conversations and standardizing front-desk response.
- Automated operational trackers using Google Apps Script — row transfers between tabs, cross-sheet report consolidation, and built-in data cleaning — saving 15+ hours of manual work weekly.
- Integrated AI/LLM-driven steps into internal tooling to generate templated outputs and summaries, reducing repetitive copy-editing across cross-team reports.

Data Science Intern — A2K Group

May 2024 – June 2024

- Delivered a multi-model machine learning project applying 7 techniques (Linear Regression, Logistic Regression, Random Forest, K-Means, NLP); built Seaborn/Matplotlib visualizations that turned raw data into decision-ready insights.

SELECTED PROJECTS

HR Recruitment Automation — End-to-end pipeline: Gmail intake, Google Sheets candidate tracking, assessment emails, Calendar interview booking, Slack notifications. *Stack: n8n (25 nodes), Gmail API, Google Calendar, Slack.*

A&R WhatsApp Owner Assistant — Owner-facing WhatsApp control panel for natural-language booking, updates, and cancellations with customer lookup. *Stack: n8n (43 nodes), WhatsApp Cloud API, Claude/LLM agent, Google Sheets.*

A&R Customer Chat Agent — Multi-channel AI chat agent handling inbound inquiries, FAQs, and booking-intent routing. *Stack: n8n (25 nodes), LLM agent, webhook router, Google Sheets.*

A&R Lead Intake — Quote-request automation that validates incoming leads, syncs to Google Sheets, and notifies the owner in real time. *Stack: n8n (14 nodes), web form, Google Sheets, WhatsApp Cloud API.*

A&R Appointment Reminders — Scheduled SMS/WhatsApp reminders to reduce no-shows for a service-business client. *Stack: n8n (11 nodes), WhatsApp Cloud API, Google Sheets, cron triggers.*

Ongoing projects and full case studies: cedrixjohn.dev

TECHNICAL SKILLS

Automation & Workflow: n8n, Make.com, Google Apps Script, Webhooks, REST APIs

AI / LLMs: Claude API, Claude Code, ChatGPT/OpenAI, MCP servers, prompt engineering, agentic workflow design

Programming: Python, SQL, JavaScript, TypeScript, HTML, CSS

Data & Analytics: Pandas, NumPy, Seaborn, Matplotlib, Google Sheets, Excel, Power BI

Tools: VS Code, Google Colab, Git, Figma

EDUCATION

Associate in Computer Technology — Pampanga State University

June 2022 – June 2024

Built strong fundamentals in programming languages while developing analytical and problem-solving abilities.