

Danielle M. Araneta

Internal Tools & Automation Developer

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Software developer (3+ yrs) who turns messy operational problems into scoped, shipped tools — lead-generation scrapers, data pipelines, LLM-powered automations, and internal apps. Owns projects end-to-end from stakeholder discovery to API integration and deployment; works independently and judges buy-vs-build.

Skills: Python, FastAPI, full-stack development, REST API design & integration, OpenAI, Anthropic, LangChain, n8n, workflow automation, web scraping, data pipelines, third-party / CRM integrations, PostgreSQL, MySQL, MongoDB, AWS, Docker

Public Professional Projects

LeadReacher lead-reacher.com

- Lead-generation tool that scrapes and enriches local businesses (website, email, socials, reviews), scores them, and tracks them in a sales pipeline with change-detection and CSV export.

AssetScan AI assetscanner-ai.com

- Computer-vision + OCR hardware-inventory tool with an active-learning loop; REST API adapters integrate with ServiceNow and Snipe-IT, cutting manual data entry up to 90%.

FlightDeck Hub copilotco.io/flightdeck

- AI-powered tools for faster, smarter creation inside Unreal Engine – turning ideas into scenes, prompts into actions, and photos into dynamic 2.5D layers.

2.5D Planes API (Open-Source) huggingface.co/spaces/CoPilotXR/25dver1

- Automatically turn static images into dynamic segmented layers for film production pipelines.

Experience

Software Developer, CoPilotXR – Winnipeg, MB May 2023 – Present

- Build internal tools and automations across native, web, and cloud; lead software architecture and agile delivery. Designed and shipped scalable Computer Vision and LLM-based software (OpenAI, Anthropic, LangChain), resulting in a 75% reduction in virtual production time.
- Built and secured FastAPI services and third-party API integrations; planned and deployed AWS and HuggingFace cloud infrastructure and backend databases (MongoDB, MySQL, PostgreSQL).
- Automated previously manual workflows using computer vision; built internal GUIs and tooling.

IT-Support – Computer Technician, CFS Manitoba – Winnipeg, MB Sept 2022 – May 2023

- Front-end and backend support for refurbished computers, laptops, and servers donated in bulk to students and families in need.
- Mentored new interns on refurbishment and support inquiries.

Senior Logistics Specialist, SkipTheDishes / Just Eat UK – Winnipeg, MB Mar 2019 – Sept 2022

- Led and managed the UK logistics & dispatch team to ensure timely delivery – operational, stakeholder-facing problem-solving at scale.
- Organized and facilitated training sessions for new team members.

Community Impact and Developer Relations

- **Women in Code Panel Member** – New Media Manitoba: invited to speak on my experience as a developer and field questions from attendees.
- **Open-Source Web Developer Bootcamp Facilitator** – github.com/danieaneta: develop and run an open-source web-dev bootcamp for aspiring local developers.

Education and Training

- **University of Waterloo** – C++ Programming
- **Stanford & DeepLearning.AI** – Machine Learning & Deep Learning Certificates (ongoing)

References available upon request.