

RAVI KANT PONNADA

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FOUNDER & TECHNICAL PRODUCT MANAGER

Founder of Perimtr, a Toronto public-data platform that turns fragmented civic records into source-traceable, address-specific reports. I lead research, requirements, AI-assisted development, data interpretation, testing, design, deployment and operations.

FEATURED PRODUCT / PERIMTR

Live Toronto private pilot: perimtr.ca | Sample report: perimtr.ca/sample-report.html

- For the 789 Yonge Street sample, resolved the address across seven overlapping neighbourhood boundaries and examined 1,076 reported-crime records by category and time window against the Toronto baseline.
- Cross-referenced 349 active permits within 1,000 metres with transit, heritage, school and other civic records, retaining source, period, geographic coverage, methodology and limitations.

PRODUCT & TECHNICAL COMPETENCIES

Product: Vision, PRDs, roadmaps, technical requirements, acceptance criteria, user research, UX and release decisions.

Data and systems: Python, SQLite, SQL, CKAN and public APIs, ingestion, normalization, spatial analysis and data quality.

AI-assisted delivery: Role-based workflows, specifications, implementation review, guardrails and human accountability.

Quality and operations: Pytest, regression checks, Linux, Nginx, systemd, monitoring, backups and recovery.

EXPERIENCE

Founder & Technical Product Manager | Perimtr | Apr 2025-Present

- Founded, built and launched the Toronto private pilot. Defined product vision, methodology, workflows, data requirements, architecture and acceptance criteria.
- Created hundreds of Markdown PRDs, technical specifications, data rules and implementation guardrails. Directed scoped AI-assisted work across architecture, data, development, QA, security, UX and documentation; reviewed the output and owned release decisions.
- Built workflows processing millions of public records covering reported crime, fire incidents, permits, 311 requests, census data, schools, transit, cycling infrastructure, trees, heritage and amenities. CKAN and other APIs support data refresh, validation and normalization.
- Built a 525,401-point Toronto address index for resolution and proximity analysis. Audited 3,165 ambiguous address-label groups to identify cases that could resolve to different physical locations.
- Established guardrails for source traceability, geographic and time coverage, data validation, uncertainty and methodology disclosure. Perimtr presents evidence rather than neighbourhood verdicts.
- Designed the website, private-pilot experience and web and print reports. Tested address-specific output against underlying records and incorporated prospective-user feedback.
- Ran a documented pytest session with 684 checks collected, 681 passed and 3 skipped. Investigated failures before release. Deployed the Python and SQLite service to Linux with Nginx and systemd, backups, monitoring and recovery.

EDUCATION

Postgraduate Certificate, Advertising Art Direction | Humber Polytechnic, 2025

Dean's Honour List; first prize, live Kraft Heinz project with The Kitchen.

Bachelor of Technology, Aerospace specialization