

MELIH ONAT

PRODUCT ENGINEER | APPLIED AI + FULL STACK

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Available immediately | Authorized to work in Canada - PGWP valid through 2029

PROFILE

Product engineer with 2+ years of experience shipping production software and applied AI systems end to end. Built RAG infrastructure deployed across about 20 German municipalities, a legal automation tool used daily, and a live social music platform with 150+ organic signups. Comfortable owning product definition, architecture, implementation, deployment, and iteration.

~20 municipal AI deployments | automated a 1-2 hr legal workflow | 150+ organic product signups

EXPERIENCE

Product Engineer (Creator) | Resonate 2025 - Present

Toronto, ON | resonatefm.app

- Designed and deployed a full-stack social music platform from scratch with Next.js, React, Supabase, and Vercel, including 25+ API routes.
- Built ratings, reviews, curated lists, an activity feed with following, and real-time DMs with group chats and read receipts.
- Grew the live product to 150+ organic signups with zero paid promotion while continuously shipping product and reliability improvements.

Tech: Next.js, React, TypeScript/JavaScript, Supabase, PostgreSQL, Vercel, REST APIs

Freelance Software Engineer | Independent Client 2024 - Present

Bremen, Germany | Hybrid / Remote

- Led requirements discovery, client calls, demos, support, and iterative delivery directly with the end user.
- Designed the data model and shipped a Flask-based document automation system that replaced a manual legal workflow previously taking 1-2 hours per client matter.
- Deployed the system to production; it is used daily in the client's practice and maintained through ongoing updates based on user feedback.

Tech: Python, Flask, SQL, document automation, REST APIs, deployment and support

Generative AI Engineer | Neuraflow Apr 2024 - Mar 2025

Bremerhaven, Germany | Hybrid

- Built and operated the RAG foundation powering public-facing AI assistants deployed across about 20 German municipalities.
- Designed Python ingestion pipelines with Pinecone to structure, embed, index, and retrieve municipal datasets for real-time question answering.
- Worked directly with the CTO as the sole engineer on technical strategy, architecture, roadmap, and delivery across multiple deployments.

Tech: Python, RAG, LLM integration, embeddings, Pinecone, data ingestion and retrieval

EDUCATION

Master of Digital Media Jun 2026

[Toronto Metropolitan University](https://www.toronto.ca/university) | Toronto, ON

B.Sc. Digital Media (Media Informatics) 2025

[University of Bremen](https://www.uni-bremen.de) | Bremen, Germany

Relevant coursework: OOP, Python, algorithms, data structures, databases, applied machine learning

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, SQL

Full Stack: React, Next.js, Node.js, Flask, REST APIs

AI & Data: RAG architecture, LLM integration, embeddings, Pinecone, PostgreSQL, Supabase, PyTorch, MCP

Cloud & Infrastructure: Docker, GCP, Azure, Vercel, Fly.io, Terraform, Redis, CI/CD, cron jobs, logging, Git