

Nick Milien

Technical Product Manager | Voice AI, Robotics & Entrepreneurship | [ODF Fellow](#) & [Alchemist](#) Backed Founder

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SKILLS & TOOLS

Product Skills: Product Strategy, Roadmap Planning, User Research, Product Ownership, A/B Testing, Prototyping, Machine Learning, LLMs & NLP, Computer Vision, Stakeholder Management, Data Analysis

Web: JavaScript/TypeScript, React, [Next.js](#), Tailwind, Vite, HTML & CSS

Backend/DB: [Node.js](#), Python, Express, Ngrok, MongoDB, MySQL, GraphQL

Embedded Systems: C & C++, Python, MATLAB, Linux, ROS/ROS2, Ethernet, Arduino, Raspberry PI, I²C, I²S, GPIO

Product Management Tools: PowerBi, Tableau, Amplitude, SurveyMonkey, Posthog/Google Analytics, Figma, Userdoc

Technical and AI tools: Azure, AWS, Supabase, Docker, Langchain, Pytorch, Vapi, Postman, Render, Framer, Vercel, Excel

EDUCATION

New Jersey Institute of Technology (NJIT)

Newark, NJ

B.S. Electrical and Computer Engineering

Anticipated Graduation: December 2025

EXPERIENCE

[Boltzman AI](#) (Voice agents Startup)

San Francisco, CA

Founder & Technical Product Manager

May 2025 - December 2025

- Built a voice AI platform processing **18,000+ monthly** calls across 30+ restaurants, reducing staff time 30+ hours weekly
- Scaled to 30 restaurants in 2 months, processing **\$50,000+** monthly orders at **\$60,000 ARR**
- Orchestrated the voice AI infrastructure using **Vapi** and Integrated with 5+ POS including Square, Clover, and OpenTable

[Lawnstack](#) (Home services Startup)

Newark, NJ

Co-founder & Head Of Product

January 2024 - December 2024

- Co-founded a \$6M-valued outdoor services platform backed by [Alchemist](#), scaling to **500+ services** and **\$80,000 GMV**
- Recruited a team of 8 from MIT, Cornell, Georgia Tech, Wharton and shipped the platform in 8 weeks
- Secured **\$150k pre-seed** from the Alchemist Accelerator and angels, received **\$850k** in tool credits from the programs

PROJECTS

[Cogito](#) (Voice AI Companion for dementia) - Python, Typescript, Raspberry Pi 4

- Led team of 3 to build **Voice AI companion** for cognitive impairment seniors via FM radio with **95%+ accuracy**
- Owned end-to-end product design and full-stack engineering across firmware, hardware and web app
- Delivered prototype under **\$400 budget** through user research with 20+ seniors and caregivers

[Korah AI/Boltzman Engine](#) (Universal AI Agent)

- Co-built a universal agent that utilises tools, context, and integrations to route tasks to optimal LLMs (e.g., DeepSeek, Claude) for autonomous execution. Reached 3k users in 2 weeks.
- Integrated Slack, Notion, and Google Drive to enable RAG-based data retrieval and direct action execution.
- Enhanced research integrity by implementing mandatory source citation, an integrated Canvas, and contextual threads

[Accident Alert System](#) (Crash Detection System for AVs) - Python 3, GPS Module, Accelerometer, Raspberry Pi

- Developed a crash-detection system using accelerometer data to alert emergency contacts with GPS coordinates
- Implemented motion tracking algorithms achieving 97% accuracy for collision detection, reducing false alerts by 80%

INTERESTS

Voice LMS · Robotics · Startups · Soccer · Sewing and Tailoring · Cooking · Restaurant Enthusiast · Weightlifting