Peterborough, ON
github.com/nat2k15
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NATAN MALANKA

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EDUCATION

Bachelor of Computer Science — **Trent University** — **Sept 2022 - 2026**

- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Software Design & Modelling, Operating Systems, Database Management Systems, Computer Networks, Web Development (Front-End & Server-Side)

EMPLOYMENT

Founder & Full-Stack Developer — **NAT2K15 Development** — **Oct 2020 - May 2025**

Freelance studio: Discord bots, game-server systems, and web tools

- Designed, built, and sold 50+ software products, owning development, documentation, deployment, and support end to end.
- Built MySQL-backed systems with role-based access control, audit logging, and webhook integrations; optimized game-server scripts to near-zero runtime overhead.
- Leveraged knowledge in Node.js, Discord.js, Lua, Python, MySQL, Git, and Docker.

Line Cook — **Swiss Chalet** — **Sept 2025 - Aug 2026**

- Prepared and plated orders on a fast-paced line during high-volume service while meeting ticket times and quality standards.
- Followed food safety and sanitation procedures and coordinated with front-of-house staff to keep orders accurate.

Food Service Worker — **Costco Wholesale** — **May 2023 - Sept 2025**

- Trained new kitchen staff and served hundreds of customers daily while maintaining food safety standards.

Forklift Operator — **PepsiCo** — **Aug 2024 - Oct 2024**

- Operated forklifts to build, load, and unload pallets, ensuring accurate order fulfillment and correct quantities for each load.
- Collaborated with team members to meet tight shipping deadlines while following all safety guidelines.

SOFTWARE PROJECTS

Personal Website: *www.natanmalanka.com* | **More Projects:** *github.com/nat2k15*

Discord ModMail Bot

- Built a support ticketing system that turns user DMs into private staff threads with live sync and HTML transcripts.
- Implemented role-based permissions, four priority levels, auto-close for inactive tickets, bulk operations, and full audit logging.
- Utilized: Node.js, Discord.js v14, MySQL, Discord API

Offline AI Transcriber

- Developed a private speech-to-text tool that runs fully offline and supports multiple audio formats and languages.
- Utilized: Python, WhisperX, Web UI

FiveM Roleplay Framework V2

- Built a game-server framework with character creation, an admin panel, jail/hospital UIs, a 911 system, and 30+ commands.
- Exposed 100+ config options and built add-on modules such as staff time tracking and fingerprint lookup.
- Utilized: Lua, JavaScript, HTML/CSS, SQL, Discord API

Grade Calculator

- Built a tool for students and educators to calculate weighted grades, GPA, and final scores with custom weight assignments.
- Supports multiple grading systems through a clean, simple interface.
- Utilized: JavaScript, Node.js, Batch scripting

Markdown Preview Website

- Created a website that renders Markdown into formatted HTML in real time as you type.
- Built for fun as a side project to sharpen my Markdown and front-end skills.
- Utilized: JavaScript, EJS, CSS, Node.js

Database Backup Tool

- Created a scheduled MySQL backup service that delivers backups to Discord via webhooks and handles large databases.
- Utilized: Node.js, MySQL, Discord Webhooks

SKILLS

Languages: JavaScript, Lua, Python, SQL, C#, Java, HTML/CSS
Frameworks & Tools: Node.js, Discord.js, Bootstrap, Tailwind CSS, Git, Docker, MySQL, Postman, Linux
Spoken: English (fluent), Hebrew (fluent), Spanish (basic)

References Available Upon Request