

Thanush Supramaniam

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EDUCATION

University of Guelph

Bachelor of Computing in Computer Science, Specilization in AI

Expected Graduation: May 2029

Guelph, Canada

- Grade Point Average: **3.9/4.0**
- Relevant Courses: Data Structures & Algorithms, Web Design & Development, Linear Algebra, OOP

EXPERIENCE

Software Engineering Intern

Weve

May 2025 – August 2025

Toronto, Canada

- Built full-stack features for a Toronto community events app including secure authentication, profile onboarding, and geospatial **Apple Maps** pins through **React Native and Supabase**.
- Onboarded **100+** early users and drove **1,000+** event views in month one by iterating via **GitHub** issues and code reviews, optimizing **SQL** queries, and improving data-fetching performance.
- Developed a companion web app in **React.js + Tailwind**; with migration to **Mapbox GL** and **AWS** deployment to expand features and prepare for scale.

LEADERSHIP EXPERIENCE

Math & Coding Tutor

Remote

September 2022 – January 2025

Brampton, Canada

- Tutored **30+** students over **300 hours**, raising grades by nearly **20%** through personalized Math lessons and coding lessons through **Python and Java**.
- Maintained near **100%** attendance across **150** remote sessions using Zoom and Google Meet, leveraging interactive whiteboards for engagement.

PROJECTS

HeyCare - TechTO Hackathon 2025 | *React, TypeScript, Tailwind, Supabase, Web Speech API, OpenRouter API*

- Built a **Full-stack AI-based** medical documentation tool for patient-clinician conversations, helping doctors reclaim nearly **80%** of the time spent manually documenting patient data.
- Implemented **Web Speech API, OpenRouter API, and Supabase** to automate transcription and structured data extraction, ensuring accurate categorization across patient logs.
- Designed seamless patient record workflows with search, edit, and one-click export to **.txt/.html**, enabling clinicians to quickly review and share structured notes for **EHR integration**.

Banking Application Prototype | *Java, MySQL*

- Increased transactions by **30%** by developing secure Java/MySQL modules for account registration, login management, and inter-bank transfers.
- Enhanced data accuracy by integrating transaction tracking and real-time currency exchange checks in an SQL database.

Spotify Inspired Music Player Remake | *Java*

- Implemented personalized playlists and intuitive playback controls using OOP.
- Reduced search latency by **40%** by engineering efficient genre/artist discovery algorithms.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, HTML/CSS, JavaScript, TypeScript, R

Frameworks: React, React Native, Tailwind CSS

Developer Tools: Git/GitHub, Supabase, MySQL, Google Firebase, OpenRouter, Visual Studio Code, PyCharm, Eclipse, Vercel, Linux,