THANUSH SUPRAMANIAM

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EDUCATION

University of Guelph, Guelph, Canada											*Sep 2024 — May 2029*
Bachelor of Computing in Computer Science, Specialization in AI								*GPA: 3.96*

EXPERIENCE

Software Engineering Intern											*May 2025 — Aug 2025*
Weve														*Toronto, Canada*

- Developed **12+** reusable **React Native/TypeScript** components supported by Supabase, reducing user onboarding time by **3+ minutes** and boosting event-discovery engagement.
- Created a **React.js/Tailwind** dashboard centralizing test metrics, reducing internal testing cycles from **hours to minutes**, and enhancing data visibility for **10+ developers**.
- Enhanced code quality by resolving **20+ GitHub issues** and leading code reviews, resulting in improved security standards and collaboration.
- Optimized sprint execution by managing tasks and issues in **Jira**, ensuring consistent progress updates and **on-time delivery**.
- Ensured **defect-free** programming by resolving incidents promptly and applying **quality measures** to meet performance standards.

PROJECTS

Peelpanthers.com | Next.js, React, TypeScript, TailwindCSS, Zod, Resend, Vercel				*Jan 2025 — Present*

- Built a mobile-responsive **Next.js/React** website, enhancing engagement for a **100+ member club** by centralizing information and showcasing achievements.
- Implemented a multi-step sign-up flow with **React Hook Form and Zod**, ensuring error-free submissions across **15–20 monthly registrations**.
- Automated registration confirmations and coach notifications using the **Resend API**, eliminating manual checks and parent follow-ups.
- Streamlined **Vercel** deployment by centralizing environment variable management, improving build speed and reliability.

HeyCare - TechTO Hackathon '25 | React, TypeScript, Supabase, OpenRouter, WebSpeech		*Oct 2025 — Nov 2025*

- Developed a **React/TypeScript** full-stack prototype with Supabase, improving medical note capture efficiency by **40%**.
- Integrated voice-to-text note generation using **WebSpeech and OpenRouter APIs**, reducing typing time by **80%**.
- Enhanced usability by refining workflows and UI components in **collaboration** with team members.

Banking Application Prototype | Java, MySQL									*Mar 2025 — Apr 2025*

- Engineered a **Java and MySQL** backend system for transaction management, ensuring reliable **data integrity**.
- Designed **SQL schemas and queries** to ensure accurate financial data tracking.

LEADERSHIP EXPERIENCE

Math & Coding Tutor											*Sep 2022 — Jan 2025*
Remote

- Instructed **30+ students** in **Python, Java, and Math**, enhancing algorithmic understanding and debugging skills, resulting in a **20%** improvement in grades.
- Developed structured study guides and annotated notes, elevating average test scores with **clear, step-by-step explanations**.

SKILLS

Programming Languages: TypeScript, JavaScript, Python, Java, C/C++, SQL, HTML/CSS
Frameworks & Libraries: Next.js, React, React Native, TailwindCSS
Databases & Backend: Supabase, MySQL
Developer Tools & Platforms: Git/GitHub, Linux, Vercel, Resend, WebSpeech API, OpenRouter, Jira