

Thanushan Satheeskumar

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TECHNICAL SKILLS

Programming Languages: Java, C++, Python, JavaScript, Dart, Go, SQL

Frontend: HTML/CSS, React.js, Vue.js, Bootstrap, Tailwind CSS

Backend & APIs: FastAPI, Node.js, REST APIs, Asynchronous Programming

Databases: PostgreSQL, MySQL, SQL Server

Developer Tools: Git, GitHub, NGINX, VS Code, SharePoint, Nintex, SQL Server Management Studio

Methodologies: Agile, Scrum, Test-Driven Development

Soft Skills: Problem Solving, Communication, Reporting & Presenting, Collaboration, Time Management

INTERNSHIP EXPERIENCE

Information Systems Developer

September 2024 – August 2025

Safran Landing Systems

Ajax, ON

- Developed and deployed a centralized landing page (HTML, CSS, JavaScript, SharePoint) used as a hub for all company web applications; designed, tested, and documented independently
- Maintained, migrated, and enhanced 10+ SharePoint sites and internal web applications to streamline workflows and improve collaboration
- Worked with SQL databases through SQL Server Management Studio to support SharePoint enhancements, modify data, and create documentation for future developers
- Resolved 100+ incidents and service requests in ServiceNOW, reducing downtime and ensuring smooth IT operations
- Handled International Military and CGP/ITAR-classified data, ensuring compliance with regulatory standards and safeguarding sensitive information

EDUCATION

Ontario Tech University

September 2021 – April 2026

Bachelor of Science in Computer Science

Oshawa, ON

- Cumulative GPA: 3.9 / 4.3

PROJECTS

3D Avatar Mental Health Chatbot for Students | *Python, FastAPI, LLaMA 3, Three.js, NGINX*

[Demo](#)

- Designed and implemented a real-time conversational system using FastAPI to orchestrate LLM inference, text-to-speech generation, and avatar state synchronization
- Integrated Meta LLaMA 3 with session-based context management to support coherent multi-turn conversations
- Built an asynchronous audio processing pipeline to support low-latency avatar lip synchronization
- Deployed behind NGINX with SSL and reverse proxying to support concurrent users and stateless API requests

AI-Powered Workout and Macro Tracker | *Python, Flask, Docker, MySQL, Nginx, Ollama*

[Code](#)

- Built and deployed a full-stack fitness and nutrition platform with AI-generated workouts and recipes using locally hosted LLMs
- Designed secure RESTful APIs with Flask and SQLAlchemy, implementing JWT auth, CSRF protection, and encrypted credentials
- Containerized frontend, backend, database, and AI services with Docker Compose and deployed to a VPS behind Nginx with HTTPS
- Developed analytics dashboards to visualize workout activity, calorie balance, and macronutrient trends

Cookie Company Online Store | *MEVN Stack, MongoDB, Node.js*

[Code](#)

- Built a full-stack e-commerce platform using the MEVN stack with RESTful APIs for products, users, and orders
- Implemented authentication and role-based access control for separate admin and customer workflows
- Added real-time customer-admin messaging to support live communication
- Optimized client-side interactions using asynchronous requests and state-driven UI updates

OTHER EXPERIENCES

Operations Associate · Permanent Part-Time

November 2025 – Present

DoorDash (DashMart)

Scarborough, ON

- Accurately picked, packed, and handed off high-volume customer orders in a fast-paced warehouse environment
- Managed inventory stocking, spoilage tracking, and shelf-life rotation to maintain operational efficiency
- Maintained warehouse organization and cleanliness to support safe and reliable daily operations
- Received performance reviews exceeding typical new-hire benchmarks, reflecting strong accuracy, speed, and reliability

Produce Clerk · Permanent Part-Time

May 2023 – Present

Food Basics

Scarborough, ON

- Maintained the fresh produce section by ensuring proper stocking, rotation, and display of fruits and vegetables to maximize product freshness and appeal
- Assisted customers with their inquiries, provided product recommendations, and offered assistance in selecting the best produce items to meet their needs, fostering a positive shopping experience
- Collaborated with co-workers to monitor inventory levels and report missing or damaged items efficiently, contributing to inventory accuracy and minimizing waste

Teaching Assistant · Contract Part-Time

January 2023 – April 2023

Ontario Tech University

Oshawa, ON

- Responsible for assisting students in Programming Workshop 2 at Ontario Tech University
- Conducted 10 weekly lab sessions, facilitating programming application and troubleshooting
- Evaluated and graded 350+ assignments with timely feedback
- Developed and delivered engaging programming tutorials, increasing student comprehension by 40%
- Collaborated with the instructor to refine curriculum and enhance teaching materials, resulting in a 15% boost in student satisfaction
- Maintained consistent communication with students through email and in-person interactions, responding to inquiries promptly and effectively

Customer Service Representative · Seasonal Full-Time

May 2021 – August 2021

TELUS Communications

Scarborough, ON

- Efficiently handled a substantial workload by promptly responding to customer emails and phone calls in a fast-paced environment, consistently meeting response time targets
- Successfully resolved a minimum of 300 customer inquiries each week while consistently achieving or surpassing performance benchmarks for response speed and accuracy
- Actively engaged with customers, carefully assessed their needs, and delivered tailored solutions to enhance their overall experience