

Thanushan Satheeskumar

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EDUCATION

Ontario Tech University

Bachelor of Science in Computer Science

Oshawa, ON

September 2021 – April 2025

TECHNICAL SKILLS

Languages: Java, C++, Python, HTML/CSS, JavaScript, C, Go

Frameworks: React.js, ChakraUI, Bootstrap, Tailwind CSS, Bulma, Node.js, Express, Vue.js, Pug

Developer Tools: Git, VS Code, GitHub, IntelliJ IDEA, Netlify, PyCharm, Eclipse, UNIX, MongoDB

Libraries: jQuery, pandas, NumPy, Matplotlib, D3, seaborn

Methodologies and Tools: Agile Project Management (Scrum and XP), AJAX

EXPERIENCE

Teaching Assistant

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

PROJECTS

Accept the Cookies | *HTML/CSS/JS, MEVN Stack, jQuery, AJAX, Socket/Multi-Threading*

[Project Info](#)

- Collaborated with a team of 5 members to develop a full-stack website using the MEVN (MongoDB, Express, Vue.js, Node.js) stack, HTML/CSS, and JavaScript as the foundation
- Leveraged jQuery, AJAX, and Socket/Multi-Threading to enhance user experience and interactivity
- Created a feature-rich online cookie purchasing platform, offering a seamless browsing experience with product listings, an intuitive add-to-cart functionality, an engaging home page, and convenient about and contact pages
- Implemented user authentication with separate admin and customer logins, empowering customers to interact with the admin through a chat interface for efficient customer service

Krypto Tracker | *HTML/CSS/JS, React.js*

[Project Demo](#) | [Code](#)

- Developed a cryptocurrency tracking application to monitor and display real-time information for 50 popular cryptocurrencies
- Utilized the CoinGecko API to retrieve crucial data such as price, 24-hour price change, volume, and market capitalization
- Designed an intuitive and user-friendly interface that presents the cryptocurrency data in a clear and organized manner, enabling users to stay informed about the latest trends in the crypto market

Weatherverse | *HTML/CSS/JS, React.js, Tailwind CSS*

[Project Demo](#) | [Code](#)

- Created a weather tracking application that allows users to input a city or area and obtain relevant weather information
- Integrated the OpenWeatherMap API to retrieve up-to-date data, including temperature, forecast (e.g., rain, cloudy), "feels like" temperature, humidity, and wind speeds
- Designed a visually appealing interface that provides users with accurate and timely weather updates, enabling them to plan their activities accordingly

Pokémon Battle Game | *Java*

[Project Demo](#) | [Code](#)

- Developed a text-based Pokémon battle simulation game using Java
- Designed an engaging storyline, complete with battle stages and a challenging boss fight
- Implemented game mechanics, including turn-based battles, character progression, and strategic decision-making, to create an immersive and entertaining gaming experience for Pokemon enthusiasts