

KAVEN MURALEITHARAN

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604 Forsyth Farm Drive, Stouffville, Ontario, Canada

EDUCATION

CARLETON UNIVERSITY

Honours Bachelor of Computer Science in A.I Machine Learning

Ottawa ON

Expected Graduation: Apr 2027

Awards: Dean's List 2023-2024, Carleton Academic Scholarship (\$16,000), Carleton TSA (\$1,900).

CGPA: 10.3/12

Relevant Course Work: Abstract Data Types and Algorithms, Systems programming I, Software Engineering I, Fundamentals of Web Applications, Robotics I, Discrete Structures II.

Societies: Carleton Computer Science Society (CCSS), Paul Menton Centre.

Languages: Java, JavaScript, C, Python, PHP.

Developer Tools/Technologies: Android SDK, Git, Linux, OpenStack.

Backend: Node.js, Django, SQL, AWS.

Frontend: HTML/CSS, React.

WORK EXPERIENCE

CARLETON UNIVERSITY | PAUL MENTON CENTRE

Sep 2024 – Present

Computer Science Notetaker

Ottawa ON

- Enhanced accessibility and academic support for students with disabilities taking COMP 2401 (Intro to Systems Programming) at Carleton University as a computer science notetaker by publishing extensive and organized lecture notes to Carleton's Paul Menton Centre.
- Collaborated with professors and students to clarify complex concepts, ensuring the notes were comprehensive and understandable for students.
- Demonstrated a high level of understanding in COMP2401 by effectively summarizing complex topics and providing clear, concise notes that facilitated student comprehension.
- Consistently demonstrated punctuality by attending all lectures and meetings on time, capturing reliable notes for students.

STAPLES

Jan 2023 – Aug 2023

Technology Representative

Stouffville ON

- Delivered personalized technology solutions to address customers' needs, resulting in an increase in customer satisfaction ratings.
- Drove over **\$5,000+** in sales revenue through effective product demonstrations and client consultations of protection plans at Staples, leveraging expertise in the latest tech products.
- Provided exceptional after-sales support, resolving technical issues promptly and maintaining strong client relationships.

ADDITIONAL EXPERIENCE: BOSTON PIZZA – Dishwasher/Prep cook, Stouffville ON | PRIVATE CATERING CONTRACTOR – Catering Assistant, GTA ON

PROJECTS

KAVENMURALEI.CA | [HTML/CSS/JS](#), [NodeJS](#), [Git](#), [AWS S3](#) & [Route53](#)

Jun 2024 – Sep 2024

- Engineered and deployed a modern and interactive portfolio website to present users and employer a visual display of skills and projects.
- Implemented Node.js to create an efficient backend, ensuring seamless data processing and server-side operations. Integrated the Three.js library with Node Package Manager to create a visually stunning 3D background in the website.
- Deployed the website on the AWS cloud infrastructure, utilizing Amazon S3 for static web hosting and Amazon Route 53 for domain management, ensuring high availability and reliability.
- Achieved maximum cost efficiency by keeping the website's operational costs at **\$0** per month, excluding annual domain renewal fees.

ELECTRONIC STORE SIMULATOR | [Java](#), [JavaFX](#)

Mar 2024 – Apr 2024

- Leveraged JavaFX to design and implement an intuitive graphical user interface for simulating online web store functions.
- Applied Object-Oriented Programming principles to facilitate product organization and code reusability, significantly improving the program's readability and performance.
- Employed the Model-View-Controller (MVC) design pattern to segregate the application's concerns, enhancing the project's scalability.

MINESWEEPER MINIMA | [Java](#), [XML](#), [GIT](#), [Android Studio](#)

Jan 2024 – Mar 2024

- Designed and implemented a user-friendly Android application, "Minesweeper Minima," with a clear objective to clear a 11x20 grid of tiles without triggering any of the 35 hidden mines.
- Utilizes an intuitive interface for the Minesweeper Minima app using Java and XML in Android Studio, ensuring in a positive user experience.
- Used a Git version control system for tracking changes in codebase and ensuring project continuity.

CERTIFICATION

AMAZON WEB SERVICES: CERTIFIED CLOUD PRACTITIONER

EXP AUG 2027

Credential ID: c5e3c3b03a05460fa5742f61e5c710fb.

- The AWS Certified Cloud Practitioner validates foundational, high-level understanding of AWS Cloud, services, terminology, and architectural principles.
- Proficient in identifying and architecting the right AWS services for common solutions in applications.