

# JESHURUN CONSTANTINE

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## OBJECTIVE

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Software Engineering student with practical experience in backend development, cloud computing, and web design. Looking to join a forward-thinking team where I can apply my technical foundation and collaborative skills to real-world software projects.

## EDUCATION

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### Bachelor of Software Engineering Co-op (Honors)

Oshawa, ON

University of Ontario Institute of Technology

Enrolled: 2023

- *Dean's List, Honor Roll*
- *Object Oriented Programming; Web Programming; Data Structures & Algorithms; Data Management Systems; Systems Programming; Software Designs & Architectures*

## WORK EXPERIENCE

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### Ebenezer Solutions (Jr. Software Architect Intern)

Sep 2025 – Nov 2025

*MongoDB, Node.js, Python, AWS, FHIR/HL7 standards, GitHub*

- Helped create a digital health interoperability platform to facilitate secure and consent-driven health data exchange across Canada.
- Collaborated in a team of 5, contributing as one of 2 backend developers responsible for implementing server-side functionality and database integration.
- Created the database structure, compliant with FHIR/HL7 standards; used Python scripts to convert CSV files to JSON format to upload to MongoDB; and used Node.js to create backend modules, making regular commits to GitHub Repo.

### Skintek (Software Intern)

Jul 2025 – Aug 2025

*WordPress, Elementor, Figma, HTML, CSS, JavaScript*

- Redesigned and implemented a full WordPress website using Elementor Pro and staging environments, ensuring a responsive, modern design aligned with provided Figma wireframes.
- Configured and optimized site functionality and security, including custom navigation, carousels with tabbed layouts, and custom CSS/JavaScript for dynamic styling and responsive layouts.
- Researched and evaluated SEO strategies, including keyword optimization, on-page structure, and back-link opportunities, to improve site visibility and align the website with best practices for organic growth.

### CAA Insurance (Summer Student Intern)

May 2024 – Aug 2024

*Microsoft Word, Excel*

- Worked within Accident Benefit – Bodily Injury department, completing data entry tasks.
- Collaborated in a fast-paced team environment, coordinating with colleagues to achieve daily quotas.
- Managed sensitive claim requests, official forms, and follow-up letters, ensuring accuracy and timely delivery.

## PROJECT EXPERIENCE

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### Automated Image Processing Pipeline – Personal Project

In-progress

*Python, AWS Lambda, S3, DynamoDB, Rekognition*

- Developing a serverless image processing system that automatically categorizes uploaded images using AWS Rekognition labels.
- Storing image metadata and categories in DynamoDB for efficient filtering and searching.
- Implementing face analysis to extract attributes like age range and emotions, showcasing AI-powered insights.

### Version Control – Course Project

Apr 2025

*HTML, CSS, JavaScript*

- Developed a web-based text editor with version control functionality, enabling users to save multiple versions of text and restore previous versions.
- Implemented undo/redo functionality using data structures, allowing fine-grained text edits and recovery.
- Built a version history panel for easy navigation and restoration of prior document states.

## **EXTRACURRICULAR ACTIVITIES**

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### **Innovation Challenge – 1st Place Winner**

**Oct 2025**

*Experience Ventures Program / Ontario Tech University*

Oshawa, ON

- Developed an AI-powered predictive maintenance solution for railway systems using IoT sensors and data analytics.
- Collaborated with a team to research industry problems, design a prototype, and deliver a business pitch.
- Awarded 1st place and \$2500 for demonstrating innovation, feasibility, and real-world impact.

### **STEM Club Founder**

**Sep 2022 – Jun 2023**

*J. Clarke Richardson*

Ajax, ON

- Founded the high-school's first STEM club, and secured funding from the principal.
- Organized weekly workshops and competitions to promote teamwork and problem-solving.

## **Additional**

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**Technical Skills:** Advanced in C++, Java, JavaScript, HTML/CSS; Proficient in GitHub, SQL, Microsoft Suite; Beginner in AWS Cloud, Linux, MongoDB, Node.js, Python

**Certifications & Trainings:** Royal Conservatory of Music (Level 10 Piano, Harmony & Counterpoint, History)

**Interests/Self-Study:** Interested in Data Science and working on AWS Cloud Practitioner Certification