

Mustafa Jawish

CET

PROFESSIONAL SUMMARY

I am a motivated Computer Engineering student at Algonquin College with a passion for programming, AI, and web development. I specialize in building efficient and scalable applications, and I'm constantly learning new technologies to solve real-world problems. Through hands-on projects, I've developed strong skills in Java, Linux, and web development, and I'm eager to bring my problem-solving mindset to professional teams.

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EDUCATION

Diploma in Computer Engineering Technology - Compute Since | 2026

[Algonquin College, Ottawa.](#)

- Focus Areas: Software Development, Systems Design, Web Applications
- Key Coursework: Advanced Java Programming, Linux System Administration, Database Design & SQL, Web Development (PHP/JavaScript), C Programming, R (Upcoming)

SKILLS

- **Programming Languages:** Java, JavaScript, PHP, SQL, C, Bash
- **Tools & Technologies:** Linux, Git, Multisim, Data Structures, Algorithms, OOP, AJAX, JUnit
- **Web Development:** HTML, CSS, JavaScript, PHP, SQL, AJAX
- **Other Skills:** Problem Solving, Debugging, System Automation, Circuit Design

PROJECTS

Linux System Automation

https://github.com/Mustafa22/Linux_System_Automation

- Automated user management, permissions handling, and system backups using Bash scripting.

Library Management System

https://github.com/Mustafa22/Library_Management_System

- Designed a book borrowing and return tracking system using object-oriented programming principles.

Online Shopping System

https://github.com/Mustafa22/Online_Shopping_System

- Implemented a shopping cart, order management, and secure payment system with JUnit testing

Book Management System

https://github.com/Mustafa22/Book_Management_System

http://127.0.0.1/Book_Management_System/index.php

- Developed an interactive multi-page website with dynamic content fetching and database integration.
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Data Structures & Algorithms Library

https://github.com/Mustafa22j/Data_Structures_Library

- Implemented a custom LinkedList processing system with insertion, deletion, and traversal functions.

Area Calculator

<https://github.com/Mustafa22j/Area-Calculator>

- Designed a **JavaScript-based Area Calculator** that computes the area of different shapes with an interactive UI.

Sudoku Solver

<https://github.com/Mustafa22j/Sudoku-Solver>




- Implemented a **C program** that solves Sudoku puzzles using a **backtracking algorithm** for logic-based problem-solving.

Circuit Analysis

<https://github.com/Mustafa22j/Circuit-Analysis>

- Developed a **circuit analysis simulation** using **Multisim** to analyze and visualize electronic components and their interactions.

CONTACT INFORMATION

-  Portfolio: <https://mustafa22j.github.io/>
 -  LinkedIn: [linkedin.com/in/mustafa-jawish-959b45225](https://www.linkedin.com/in/mustafa-jawish-959b45225)
 -  GitHub: github.com/Mustafa22j
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