ADIYAT JUBAIR

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Education

Ontario Tech University   **Sep. 2024 - April 2028**
Bachelor of Engineering in Software Engineering   *Oshawa, ON*
CGPA: 4.2/4.3

Relevant Coursework

- Data Structures
- Intro to Prog.
- Linear Algebra
- Object-Oriented Prog.
- Web Prog.
- Discrete Mathematics
- Engineering Design
- Electrical Engineering
- Statistics & Probability

Experience

Engineering Society Community   **August 2025 - Present**
Director of Internal Affairs   *Oshawa, ON*

- Organized internal events (Internal Engineering Competition and networking events), achieving **100+ registrations** by coordinating with a 15-member team.
- Designed rule-books and registration forms by using **Microsoft applications** and publishing them.
- Developed complex challenges by using **Python and SolidWorks** and executing each challenge.

Freelancing Company   **November 2024 - Present**
Founder & Web Developer   *Mississauga, ON*

- Founded and managed a freelancing company providing **full-stack web development** services for startup companies
- Designed websites for different companies by using **HTML/CSS/JavaScript, Figma, and Adobe Photoshop**.
- Delivered **5+ websites** successfully with a **95% customer satisfaction rate** through proposals and feedback sessions.

Projects

Portfolio Website | Figma, HTML, CSS, JavaScript, PHP   **December 2025**

- Designed and developed a responsive full-stack portfolio website using **PHP, HTML/CSS, and JavaScript**.
- Implemented interactive **data visualization** components, including a hexagonal skill chart, showcasing technical skills and compatibility across **6 core software fields**.
- Integrated **backend functionality**, providing a contact form and links to various social media accounts using **PHP**.

Smart Fan Temperature System | Arduino IDE, TinkerCAD, C++   **November 2025**

- Developed an **Arduino-based intelligent system** that automatically adjusts fan RPM based on room temperature.
- Implemented real-time display components such as **Liquid Crystal Display and RGB LED**, which display fan status and room temperature, allowing for simple usage and handling.
- Designed the hardware and software components of the system using **TinkerCAD and Arduino IDE** and successfully documented and presented the report to address **real-world engineering problems.**

Taskly - Task Manager Website | *HTML, CSS, JavaScript, PHP, MySQL, Figma, VS Code*   **October 2025**

- Programmed a tailored task manager for several students using **HTML/CSS/JavaScript, PHP, and MySQL**.
- Designed a proper login **authentication and security**, and **database structure** using PHP and MySQL.
- Utilized **Figma** to conceptualize and refine the website's front-end experience, enhancing usability and visual consistency while improving developer hand-off efficiency.

3D Modelling & Engineering Design | *SolidWorks, Gantt Chart, 3D printing*   **January 2024**

- Constructed a **3D model** and engineering drawing prototype of a scissor lift using **SolidWorks**.
- Produced brochures, **3D printed** prototypes and presented a product advertisement using **PowerPoint and Canva**.
- Successfully executed this project with a **6-member team** by using a **Gantt Chart** and frequent meetings.

Sumo-Robot | *C++, Arduino, Robotics Kit*   **January 2023**

- Engineered a sumo-robot and placed 2nd in a school tournament by assembling an **Arduino circuit** with robotics components and **embedded software**.
- Programmed the motion and scanner thresholds for the sumo-robot with **Arduino IDE and C++**.

Technical Skills

Languages: Python, Java, C++, HTML/CSS, JavaScript, Lua
Frameworks/Libraries: Node.js, Pygame, MySQL, WAMP, Arduino IDE
Technologies/Tools: Figma, TinkerCAD, Microsoft Azure, VS Code, SolidWorks, AutoCAD, Arduino