

# Muhammad Abdullah Adil

Software Developer | Web Developer

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## Education

### Algoma University

Brampton, Canada

B.S. Computer Science (Cum Laude)

Aug 2025

- **Concentrations:** Full Stack Development, Web Development, Database Programming, Computer Networks
- **Honors and Awards:** Student Success Scholarship, Algoma University High Achievement Award
- **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Computer Networks, Artificial Intelligence, Object-Oriented Programming, Software Engineering, Web Development

## Skills

**Programming:** Java, Python, C, C++, JavaFX, JavaScript, Typescript, HTML, CSS, PHP, SQL, Node.js, React, Express.js, REST APIs

**Tools:** VS Code, PyCharm, Docker, Git, GitHub, MySQL, MongoDB, MariaDB, Postman, Oracle VirtualBox, Visual Paradigm, Jira

**Soft Skills:** Microsoft Office, Computer Networking, IT Support, Problem Solving, Public Speaking and Presentation, Teamwork

## Work Experience

### Junior Software Developer

May 2025 – August 2025

Zapply

Remote, United States

- Designed and prototyped a full-stack job automation platform to streamline job application workflows across multiple websites, reducing manual effort by 80%.
- Developed a Chrome extension that auto-fills job applications, leveraging the APIs and intelligent DOM parsing to support multiple job boards, resulting in reduced manual job labor by 70%.
- Deployed scalable backend services using FastAPI and MongoDB, to enable asynchronous scraping and real-time data processing from platforms.
- Delegated in agile sprints and weekly code reviews, contributing to continuous delivery pipelines and improving overall development velocity.

### Technical Support Engineer

May 2024 – November 2024

A-1 Wireless Inc

Mississauga, Canada

- Refactored and optimized internal tools to streamline device diagnostics and automate common repair workflows, reducing manual testing time by over 50%.
- Contributed to the development of a proprietary application that significantly enhanced the speed and reliability of phone-to-PC connections, accelerating setup time and improving workflow efficiency by 60%.
- Collaborated with a cross-functional team to identify bottlenecks, propose technical solutions, and deliver regular incremental updates without disrupting operations.

## Projects

### Job Application Tracker | GitHub

Zapply

- Built a Full Stack MERN extension to streamline tracking and managing job applications with CRUD functionality.
- Architected a modular design with reusable components and services, enhancing scalability by 40%.

### Web Scraper | GitHub

Zapply

- Engineered a Python-based scraper using FastAPI and MongoDB to extract data and store it in a structured database.
- Compiled a React + MUI frontend that visualizes the information in card format, reducing manual search time by 60%.

### Hotel Management System | GitHub

Algoma University

- Directed a team to design a full-stack hotel management system with role-based access, boosting efficiency by 60%.
- Implemented CRUD and dynamic customer, booking, and account modules using scalable, modular code structures.

### Cinemax | GitHub

Algoma University

- Built a website that allows users to search for movies using the Omdb API and allows them to rate movies.
- Used Google Gemini to generate AI reviews for movies and also added manual review as failsafe.

### Web Store | GitHub

Algoma University

- Built a PHP/MySQL web store with search, filtering, cart, order placement, and responsive Bootstrap UI.
- Developed an admin dashboard for product, order, and user management with session-based authentication.

## Extracurricular

ALCOMS (Algoma University Computer Society)

Lead Developer, Event Coordinator, Graphic Designer

AUSU (Algoma University Student Union)

Faculty of Computer Science Representative, Student Orientation Leader