

# Muhammad Abdullah Adil

Full Stack Software Developer

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## Work Experience

- Junior Software Developer | Zapply | Remote, United States** Jan 2025 – Aug 2025
- Designed and prototyped a **full-stack web application** that automates job application workflows across multiple platforms, reducing manual effort by **40%**.
  - Developed a **Chrome extension** in JavaScript that auto-fills job applications through API integration and DOM parsing, reducing manual application time by **35%**.
  - Deployed **scalable backend services** using FastAPI and MongoDB to support asynchronous **data scraping and real-time data processing**.
  - Collaborated in **Agile Scrum sprints**, participated in **code reviews**, and contributed to **CI/CD pipelines** in a remote team environment.
- Technical Support Engineer | A-1 Wireless Inc | Mississauga, Canada** May 2024 – Nov 2024
- Refactored and optimized **internal software tools** to streamline device diagnostics and automate repair workflows, reducing manual testing time by up to **20%**.
  - Contributed to the development of a **proprietary desktop application** in **Python** that improved phone-to-PC connectivity, reducing setup time and increasing workflow efficiency by **30%**.
  - Collaborated with a **cross-functional team** to identify bottlenecks, propose technical solutions, and **deliver regular incremental updates** without disrupting operations.
- Lead Web Developer | ALCOMS | Brampton, Canada** Mar 2024 – May 2025
- Directed the architecture and development of **ALCOMS' web infrastructure** using modern JavaScript frameworks and RESTful APIs, improving site performance, and reducing page load times by **35%**.
  - Built and maintained **backend services** and **database integrations** to support event registration, member management, and content updates, handling **1,000+ monthly user interactions**.
  - Established **Git-based workflows, CI checks, and code review standards**, reducing deployment issues by **30%** and improving overall code reliability.

## Projects

- Job Application Tracker** [GitHub](#)
- Built a full-stack **MERN (MongoDB, Express, React, Node.js)** application with **RESTful APIs** to track job applications.
  - Architected a modular design with **reusable components** and services, enhancing scalability by **40%**.
- Web Scraper** [GitHub](#)
- Engineered a **Python scraper** using **FastAPI** and **MongoDB** to extract data and store it in a structured database.
  - Built a **React frontend** using **Material UI** to visualize scraped data, reducing manual search time by **60%**.
- Hotel Management System** [GitHub](#)
- Led a team to design a **full stack hotel management system** using **Java** with role-based access, boosting efficiency by **60%**.
  - Implemented **CRUD** and dynamic customer, booking, and account modules using **scalable and modular code**.
- Cinemax** [GitHub](#)
- Built a website that allows users to search for movies using the **Omdb API** and then rate movies.
  - Integrated **Gemini AI** to generate **automated movie reviews** with an **MVC-based** application architecture.

## Education

- Bachelor of Science Computer Science | Algoma University, Canada** GPA: 3.8/4.00 (Cum Laude)
- Honors and Awards:** Student Success Scholarship, Algoma University High Achievement Award

## Skills

**Programming Languages:** Java, Python, SQL, JavaScript, TypeScript

**Frameworks & Libraries:** React, Node.js, Express.js, Next.js, FastAPI, Material UI

**Backend & Databases:** RESTful APIs, GraphQL APIs, MongoDB, NoSQL Databases, PostgreSQL, Asynchronous Processing

**Tools & Practices:** Git, GitHub, GitHub Actions, CI/CD Pipelines, Docker, Agile Scrum, Chrome Extensions, MVC Architecture