

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