

# ABDUL MAZED

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## EXPERIENCE

### Programmer

Oct 2023 – Present

Canadian Food Inspection Agency (CFIA)

Ottawa, ON

- **Supported international trade and food safety** by contributing to the development of a mission-critical C# system that processes and stores up to 40,000 XML import declarations daily. This system plays a key role in CFIA's decision-making on the admissibility of goods entering Canada, ensuring smooth operations and compliance with regulatory standards.
- **Managed end-to-end responsibilities** for maintaining the software's backend, front-end, and database components. Tasks included analyzing and fixing critical bugs including two major production bugs, developing and implementing new features, and optimizing performance across the entire application stack.
- **Leading the development** of a major software release, taking full responsibility for resolving +15 bugs and implementing +14 new features/user stories. Contributing to a significant software upgrade that enhanced system stability and user experience. For other major events, I continue to support the lead developer in ensuring smooth operations.
- **Optimized database operations** by refining PL/SQL procedures, resulting in more efficient query performance and improved data accuracy.

### Software Developer – Co-op

Jan 2023 – May 2023

Warner Bros. Discovery

Kanata, ON

- **Developed and maintained features** of the Video Player component of a streaming app for AndroidTV and FireTV devices, using C++.
- **Wrote comprehensive unit tests**, covering approximately 70% of the codebase, ensuring code quality.
- **Assisted in identifying and resolving bugs** by conducting thorough code reviews and performing manual testing on AndroidTV and FireTV devices, receiving recognition from team lead for my attention to detail.
- Collaborated with a development team in an Agile environment, using Git, GitHub, and Jira. Effectively communicated progress, challenges, and solutions within the team to ensure streamlined project delivery.

### Software Developer – Co-op

Sep 2022 – Dec 2022

Canadian Food Inspection Agency (CFIA)

Ottawa, ON

- **Developed** a web-based system using ASP.NET, and C#.
- **Identified and resolved bugs** within supported applications, employing troubleshooting skills to maintain quality.
- **Independently acquired new technology skills** through training, mentorship, and self-study, expanding skills in Python, C#, JavaScript, and .NET Core.

## EDUCATION

### Computer Programming College Diploma, with Honours

Sep 2021 – Aug 2023

Algonquin College of Applied Arts and Technology

Ottawa, ON

### Computer Technical Support Associate Degree, with Honours

May 2016 – Aug 2018

Riyadh College Of Technology

Riyadh, Saudi Arabia

## PROJECTS

### Adhany Desktop- Prayer Time Notifier | C#, dot NET, Windows Forms

Sep 2023 – Nov 2023

- Created a user interface displaying accurate prayer times for targeted locations.
- Integrated background processes to ensure real-time updates and timely notification alerts.
- Utilized API integration to fetch and display data for daily prayer schedules.
- Demonstrated skills in software architecture, API integration, and iterative development.

### Tax and Bookkeeping Business Website | C#, dot NET, HTML, CSS, SQL Server 2023

June 2023 – Aug

- Developed a full-stack web application for efficiently managing clients and their documents.
- Implemented user account registration and login functionality using dot NET Identity API.
- Integrated features for uploading and downloading documents, ensuring seamless document management.
- Collaborated within an Agile team, utilizing industry-standard tools such as Git, GitHub, and MS Teams.

## SKILLS

**Languages:** C#, PL/SQL, Java, Python, C++, JavaScript, HTML5, CSS

**Frameworks:** .NET Framework, ASP.NET, Entity Framework, JUnit, Bootstrap

**Developer Tools:** Git, Azure DevOps, Visual Studio, GitHub, Android Studio, JetBrains IDEs, Eclipse,

**Other Skills:** Object-Oriented Programming, Agile, Time Management, Problem-solving, Attention to detail