ABDUL MAZED

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SKILLS

Tools: *Git, Azure DevOps, Jira, Oracle SQL Developer, Robot Framework*
Concepts: *Microsoft Azure, Object-Oriented Programming, Performance Optimization, Query Optimization, Agile Methodology, Automated Testing, CI/CD Pipelines, System Debugging, Production Issue Resolution, Database Design, Stored Procedures*
Databases: *Oracle, SQL Server, MySQL*
Frameworks: *.NET Framework, ASP.NET, ASP.NET MVC, WPF, Windows Forms, REST APIs*
Programming Languages: *C#, Python, Java, JavaScript, SQL, PL/SQL, C++, Kotlin, HTML, CSS*

EXPERIENCE

Canadian Food Inspection Agency (CFIA) — Sep 2023 - Apr 2025
Software Developer

Ottawa, ON

• Investigated and resolved production issues for mission-critical system processing 40,000+ daily import declarations by analyzing logs, reproducing defects, and validating system behavior, reducing mean-time-to-resolution by 17% and improving system uptime to 99.7%.
• Developed load-testing desktop application simulating high-volume XML transactions at 40K+ transactions/day scale, identifying 2 critical performance bottlenecks and enabling team to optimize query execution.
• Optimized PL/SQL procedures and data-handling logic through composite indexing and query refactoring, reducing declaration record processing latency from 2.4s to 1.6s and improving system throughput.
• Resolved 3 critical connection exhaustion issues through root cause analysis, implementing permanent fixes that achieved zero recurrence in production over 3-month period.
• Communicated findings to team members by summarizing root causes, showing visual examples, and recommending next steps, improving team alignment during troubleshooting.

Warner Bros. Discovery — Jan 2023 - May 2023
Software Developer - Co-Op

Kanata, ON

• Optimized Video Player component for AndroidTV and FireTV supporting millions of MAX streaming users by fixing critical playback defects, reducing video stutter incidents by 20% and improving average session duration.
• Authored comprehensive unit test suite achieving 70% code coverage of Video Player component, reducing post-release regression defects.
• Investigated and resolved defects by targeted debugging and code reviews, received formal recognition from the team lead for outstanding debugging and code review contributions.

Canadian Food Inspection Agency (CFIA) — Sep 2022 - Dec 2022
Software Developer - Co-Op

Ottawa, ON

• Resolved 25+ critical backend defects and implemented 4 REST API integrations for legacy-to-modern ASP.NET migration, enabling smooth transition from Oracle Forms and improving system stability by 30%.
• Built and enhanced ASP.NET MVC components and integrated front-end logic using JavaScript.

Astar Sanad Hospital — Nov 2019 - Jul 2021
Jr. Software Developer

Riyadh, Saudi Arabia

• Optimized WinForms-based patient check-in system by fixing multiple UI defects and improving application responsiveness, reducing average patient check-in time from 4 minutes to 2.8 minutes, and increasing daily patient throughput.
• Built internal ASP.NET pages using HTML/CSS/JavaScript so staff could quickly access schedules and test results.
• Worked closely with senior developers and end-users to test new features, document issues, and deploy updates.

EDUCATION

Algonquin College of Applied Arts and Technology — Aug 2023
College Diploma in Computer Programming

Riyadh College of Technology — Oct 2018
Associate Degree in Computer Technical Support