**Abdelmalek anes**

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[LinkedIn](https://www.linkedin.com/in/abdelmalek-anes-687a16173/) | [GitHub](https://github.com/NotMalek) | [Website](https://abdelmalekanes.vercel.app)

Languages: French, Spoken & Written │ English, Spoken & Written │ Arabic, Spoken & Written

**SuMMARY OF SKILLS AND QUALIFICATIONS**

**Front End**| React, NextJS, Tailwind CSS, MUI

**Back End**| Java, C#, C, C++, Python, Javascript, NodeJS, Erlang, Clojure, PHP, SQL, NoSQL, Supabase, Neo4J

**Other**| MS Azure, Power BI, Power Automate, Junit, Vercel, Git

**work experience**

**Software Developer Intern at Bombardier Inc.** / Dorval, Montreal QC **Summer 2023**

* **Advanced Database Management:** Utilize filtering to extract and analyze employee data, employing Power BI and DAX for comprehensive reporting and insights
* **Day-to-Day Task Automation:** Streamline routine processes using Python, Power Automate, and Excel VBA to enhance operational efficiency and accuracy
* **SQL Database Hosting on Microsoft Azure:** Leverage Azure's cloud capabilities to host and manage SQL databases, ensuring scalability, high availability, and secure access to database services
* **Presented Automation Benefits:** Delivered a presentation to senior management outlining automation's efficiency gains, cost reductions, and accuracy improvements for the department

**PROJECTS**

**Othello Strategy Game** / Concordia University, Montreal QC **Summer 2022**

Develop an oriented strategy game, implement a robust back-end architecture and the ability to load a previously saved game

Resources/Libraries used: Java

**Custom ADT** / Concordia University, Montreal QC **Fall 2022**

Create a custom ADT to store large numbers of objects, optimize storage and time complexities, implement optimized working methods to manipulate the data

Resources/Libraries used: Java

**Simple Data Visualizer** / Concordia University, Montreal QC **Winter 2024**

Benchmark and visualize the performance differences between Pandas and Polars, Use interactive charts to display speed comparisons across various data tasks

Resources/Libraries used: Python, Pandas, Polars

**EDUCATION**

**Vanier College** - DEC, Health Science **2019-2021**

**Concordia University** - Bachelor of Engineering, Software Engineering **2022-2025**