

# NABILA MSIAH

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## PROFILE

Detail-oriented programmer with comprehensive training in software development, database design, and application programming. Proficient in programming languages such as Java, Python, C#, and SQL. Adept at collaborating in team environments to deliver high-quality solutions and committed to continuous learning and professional growth. Seeking opportunities in software development, database management, or web development to apply and expand my expertise.

## SUMMARY OF QUALIFICATIONS

- **Programming Languages:** Developed applications in **Java, Python, C, and PHP**, implementing object-oriented programming principles.
- **Web Development:** Designed and deployed responsive websites using **HTML, CSS, and JavaScript**, ensuring cross-browser compatibility.
- **Database Management:** Created and optimized relational databases using **SQL and PostgreSQL**, improving query efficiency and data integrity.
- **Version Control & Collaboration:** Used **Git and GitHub** for branching, merging, and pull requests in team-based projects.
- **Operating Systems:** Worked with **Microsoft and Linux** environments, executing system commands and managing software installations.
- **Productivity & Collaboration:** Managed academic and professional projects using **Microsoft 365 and Notion** for documentation and team coordination.
- **Adobe Creative Suite:** Edited and designed content using **Photoshop, Premiere Pro, Lightroom, and After Effects**.
- **Attention to Detail:** Debugged and tested applications rigorously to enhance software reliability and performance.
- **Team Collaboration & Adaptability:** Successfully contributed to group projects, demonstrating flexibility and problem-solving skills.
- **Time Management:** Balanced coursework, work responsibilities, and personal projects efficiently.
- **Multilingual Proficiency:** Communicated fluently in **English, Arabic, and French**, facilitating clear communication across diverse teams.

## EDUCATION

**Computer Programming Diploma**  
Algonquin College, Ottawa, Canada

**September 2024 – August 2026**

- GPA achieved 3.15/4.0
- Gained hands-on experience in Java, PHP, and SQL with a focus on software development and database management.
- Developed secure applications, optimized relational databases, and built dynamic web solutions.
- Strengthening problem-solving skills through real-world projects and Agile collaboration.

## ACADEMIC PROJECTS

**Battery Tolerance Checker (Algonquin college)**  
JAVA programming / Computer Programming,

**November 2024**

- Developed a program to verify the dimensional tolerances of batteries using Java.

- Encapsulated functionality within multiple classes and methods, ensuring high modularity and reusability.
- Designed detailed UML diagrams and test tables to document and validate the program's logic.

### **Database Management System (Algonquin college)**

**December 2024**

Introduction to Database/ Computer Programming,

- Designed and implemented a relational database system to manage student records.
- Utilized SQL for creating tables, defining relationships, and writing complex queries.
- Developed dynamic views to display students' profiles, GPA, and post-graduation plans.

### **Flappy Bird Game (Personal Project)**

**December 2024**

- Developed a fully functional Flappy Bird game using Unity Engine and C#.
- Implemented game mechanics including collision detection, scoring systems, and dynamic obstacle generation.
- Designed an intuitive user interface and optimized game performance for smooth execution.
- Conducted extensive user testing to ensure engaging gameplay and resolved bugs to improve player experience.

### **Bank Account Manager (Personal Project)**

**January 2025**

- Developed a Java-based banking system that allows users to create accounts, deposit, withdraw, and view balance details.
- Implemented BankAccount and BankTest classes for transaction handling and account management.

## **WORK EXPERIENCE**

### **Interpreter**

**October 2024 – present**

CanTalk, Ottawa, Canada

- Provided real-time call-based interpretation services, facilitating clear communication between clients and service providers.
- Facilitated seamless communication by accurately translating between Arabic, French, and English, ensuring cultural sensitivity and precision.
- Assisted clients in bridging communication gaps across healthcare, legal, and customer service industries.
- Maintained confidentiality and professionalism in handling sensitive client information.

## **CERTIFICATIONS**

- **JavaScript Algorithms and Data Structures** – Freedcamp, *February 2025*
- **Responsive Web Design** – Freedcamp, *December 2024*
- **IELTS English Test** – British Council, *December 2023*
- **SQL** – Mimo, *July 2023*
- **PHP** – Solo Learn, *June 2023*
- **Elements of AI** – University of Helsinki, *April 2023*
- **Introduction to C** – Solo Learn, *March 2023*
- **C Intermediate** – Solo Learn, *March 2023*