

# GABRIEL MENDES RODRIGUES

 (506) 262-2927  gabrielmrodriguest@gmail.com  linkedin.com/in/gabriel-mendes-rodrigues  Gabriel Rodrigues Portfolio

## Education

### New Brunswick Community College (NBCC)

Diploma of Information Technology: Software Development

Expected Graduation: July 2026

Fredericton, NB

- Courses: Software Engineering, Object-Oriented Programming, Server Side Web, JavaScript Programming, Database Design and SQL, Embedded Systems, Computer Math and Statistics, Responsive Web Design, Operating System Concepts

## Personal Skills

Proactive | Learning ability | Organized | Teamwork | Self-Motivated | Customer service | Communicative | Focused | Efficient | Decisive | Strategic | Adaptable

## Work Experience

### East Side Mario's

Service Guest Server

Sep 2024 – Present

Fredericton, NB

- Customer service** oriented by actively **listening** to customer needs.
- Empathy and professionalism** when handling high-pressure customer interactions
- Built lasting relationships through consistent **reliability** and **communication**
- Contributed to a positive environment and shared knowledge to enhance **team performance** and **teamwork**
- Managed multiple priorities simultaneously in fast-paced environments while maintaining **accuracy** and **attention to detail**.
- Stayed **focused** on what was most **important**, handling urgent tasks first to keep everything moving smoothly.
- Adapted** quickly to new tools, procedures and challenges to maintain efficiency and deliver consistent results.

## Projects

### Alarm Control Node | Source Code

C++ | Embedded Systems

- Built an **ESP32-based alarm system**, using a **Finite State Machine (FSM)** to manage system states and alarm logic.
- Integrated **sensors and actuators** (PIR Motion sensor, button, buzzer, LED, I2C LCD) for real-time monitoring and user interaction.
- Implemented **Wi-Fi connectivity** and **Discord webhook notifications** for remote alerting with a **modular C++ architecture** using PlatformIO.

### Game Store | Source Code

C# | .NET | Blazor

- Full-stack** development and design of a game store **CRUD-based** web application using **C#, Blazor**.
- API** design and implementation with **Frontend** and displaying it with a responsive, user-friendly UI.
- Clear distinguish between **Frontend** and **Backend**

### Bio Generator App | Source Code

JavaScript | React | NodeJS | Gemini

- Full-stack** development of a Biography app that integrates the **Gemini API** to generate a user biography.
- Implemented **JSON** parsing to display biography information in a user-friendly UI.

## Technical Skills & Other Qualifications

**Programming Languages:** C#, SQL, JavaScript, Java, C++, Python, PHP

**Developer Tools:** Git, Oracle SQL, MSSQL, MySQL, AWS

**Libraries/Frameworks:** .NET, SpringBoot, Blazor, TailwindCSS, BootStrap, React, JQuery, NodeJs, Express.Js

**Other Tools:** Jira, Word, Excel, Powerpoint, Photoshop, Illustrator, Premier Pro

**Languages:** Fluent in English and Portuguese, Intermediate in Spanish, Beginner in French