Jose Britto Saaji *Software Developer*

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Objective

Experienced and enthusiastic student with proven strong software development and maintenance skills seeking a position that allows me to strengthen my skills while contributing positively to the company goals.

Highlights of Qualifications

- Proactive, inventive, flexible, teamwork-oriented with strong communication and cooperation skills.
- **Worked as a freelance developer** where I gained valuable experience in managing client expectations and working with time and budget constraints.
- Participated in the IEEEXtreme 24-hour Competitive Programming competition in October 2023 and 2024, **ranking 8th and 5th in Canada** respectively.
- Volunteered to help **maintain a successful open-source budget tracking application**, Denaro.
- Proficient with **Git** version control system and **SQL** Databases.
- Comfortable various technologies including **HTML**, **CSS**, **Javascript**, **Java**, **C#**, **Bash**, **Python**, **PHP**, etc.
- Experience working with and **maintaining Linux hosting environments** and desktop systems.
- Worked with cloud platforms like **AWS** and **Oracle Cloud**.
- Have a strong understanding of object-oriented design patterns and techniques.

Education

Computer Programming and Analysis   January 2023 – April 2025 | Toronto, Canada
George Brown College
- Enrolled in a rigorous three-year program emphasizing software development, computer programming, mobile app development, database management, full-stack development, and AI/machine learning strategies.

Awards and Achievements

Dean's Honour List
George Brown College
Awarded with a place in the Dean's Honour List for **all semesters**

IEEEXtreme Programming Competition
Institute of Electrical and Electronics Engineers (IEEE)
Ranked **8th in Canada** and **top 5% globally** for the IEEEXtreme 2023 Competition

IEEEXtreme Programming Competition
Institute of Electrical and Electronics Engineers (IEEE)
Randked **5th in Canada** and **1st** in George Brown for the IEEEXtreme 2024 Competition

Techincal Skills

Languages
C#, Java, Python, PHP, Javascript

Frameworks / SDKs
ASP.NET, React, React Native, Android SDK

Cloud Hosting
AWS, Oracle Cloud, Azure

Operating Systems
Windows (desktop), Arch Linux, Debian, Ubuntu

Database
Postgres, MongoDB, MySql, MariaDB

Version Control & CI/CD
Git, Github Actions, Jenkins

Professional Experience

Student Tutor (Volunteer)   May 2023 – present
- Volunteered as a tutor at George Brown College, providing academic support and guidance to fellow students in a variety of subjects including **DSA, Linux and various programming languages**.
- Demonstrated **strong communication and interpersonal skills** by effectively explaining complex concepts and assisting students in problem-solving.
- Adapted tutoring techniques to accommodate diverse learning styles and individual student needs, fostering an inclusive and supportive learning environment.
- Contributed to the academic success of peers by empowering them with knowledge and skills necessary to excel in their coursework.
- Received positive feedback from students for dedication and easy to understand explanations.

Freelance Developer   May 2022 – November 2022
- Collaborated with clients to deliver a diverse range of **Discord bots** (e.g., music and matchmaking bots, web scrapers, NFT bidding and NHL simulation bots).
- Maintained strong client communication to address technical challenges.
- Engaged in frequent feedback sessions to meet client demands.
- Ensured bot integration with Discord's API and exceptional user experiences.
- Kept bots up-to-date with API changes, ensuring reliability.
- Managed project timelines and budgets, consistently meeting deadlines.
- Used **C# and .Net** to develop Discord bots.
- Configured **Linux**-based hosting environments depending on client needs.

Personal Projects

Denaro ⧉   August 2023 – present
Personal Finance Management Application
https://app.britto.tech/denaro
- **Actively** involved in **maintaining** the project with **60k+ downloads** and **500+ GitHub stars**.
- Identified and fixed critical bugs, enhancing stability and performance.
- Used **C# and .NET** for initial development adhering to GNOME's HIG for compatibility with Linux desktops.
- Used **Sqlite** database for efficient storage of account information.
- Engaged with the user community, addressing user concerns, providing relevant updates, and helped create a good public image for the project.
- Contributed to code reviews and discussions about development technologies and the direction of the project.

Shorty ⧉
A simple url shortner with a clean UX
https://shorty.britto.tech/
- Used C# and ASP.Net to create a simple URL shortner website
- Followed MVC patterns to make it easier to scale and maintain
- Used sqlite database for data storage
- Used EF Core to interact with the database, making it easier to switch to a different database when needed
- Provides docker images to self host easily

Game of Life ⧉
A recreation of Conway's Game Of Life
- Developed a Conway's Game of Life clone from scratch utilizing Unity game engine and C#.
- Implemented cellular automaton algorithms to simulate lifelike behaviors and patterns within a virtual environment.
- Leveraged object-oriented programming principles to create modular and extensible codebase, enabling easy maintenance and future enhancements.

Weather App ⧉
https://britto.tech/Simple-Weather
- Delveloped using **Reactjs**
- Clean and easy to use interface
- Integration with OpenWeatherAPI to fetch the most accurate data for the given location