

Emmanuel Pedroza

Software Developer Student at SAIT | Aspiring Full-Stack Developer | Web and Android Developer

Calgary, Alberta, Canada | +1 (431) 990-4804 | pedrozaemmanuel16@gmail.com |
<https://emmanuelpedroza.com>

Summary

Aspiring Full-Stack Developer with 3+ years of experience in Android and Web Development. Holds a BS in Information and Communications Technology from the University of San Carlos and currently pursuing a Software Development Diploma at SAIT. Passionate about solving real-world problems through technology and continuously expanding technical expertise.

Skills

Technical Skills

- Languages: Java, Kotlin, Python, PHP, JavaScript, C#
- Frameworks: React, React Native, Expo, Next.js, Flask, Laravel
- Databases: MySQL, PostgreSQL, PL/SQL
- Tools: Docker, GitHub, Jira, Figma
- Other: REST APIs, Agile Development, VMs

Professional Skills

- Effective Communication
 - Problem Solving
 - Time Management
 - Adaptability
 - Team Collaboration
 - Attention to Detail
 - Critical Thinking
 - Project Organization
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Projects

Personal Website

github.com/mand0ng/personal-website

- Responsive web application designed to showcase my personality, knowledge, and experiences
- Built using Next.js, Flask, PostgreSQL, Socket.IO, and Express.js

Fitness Web-App

<https://fitness-app.emmanuelpedroza.com/>

- A comprehensive fitness application that generates personalized 30-day workout plans. By analyzing user-provided metrics such as weight, height, age, and fitness level, the AI constructs a progressive training regimen with accurate load management for optimal results.

Liquor Sign – Maker

<https://liquor-sign-maker.emmanuelpedroza.com/>

- An innovative AI-powered tool that automates the creation of professional liquor signage. Users can upload an image, and the system leverages generative AI to produce dynamic, high-quality designs by outputting live React code for the final layouts.
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EDUCATION

Diploma in Software Development (on going)

Southern Alberta Institute of Technology – Calgary, AB, CA (2025 - 2027)

Bachelor of Science in Information and Communications Technology

University of San Carlos – Cebu, PH (2013 - 2019)

Work Experience

Android Developer - Forty Degrees Celsius Inc. (Jun 2020 - Nov 2023)

- Maintained streaming app for Japanese market, reduced crashes by 30% using Firebase Crashlytics.
- Implemented new UI and Bluetooth features for Android 12 compatibility.

Web Developer - Time River Design Inc. (Jul 2019 - Mar 2020)

- Developed custom front-end components using HTML, CSS, and JavaScript.
- Optimized WordPress site performance, reduced load time by 25%.

Additional Experience

Cashier / Stock Associate - Deerpoint Liquor Store

(Dec 18 – Present | Calgary, Canada)

- Assisted customers with product inquiries and recommendations; ensured compliance with alcohol sales regulations.
- Stocked, rotated, and organized inventory while maintaining store cleanliness.

Customer Service Staff - London Drugs

(Jul 2024 – Dec 2024 | Calgary, Canada)

- Delivered efficient customer service and resolved inquiries in a fast-paced retail environment.
- Supported inventory stocking and merchandising operations.

Grill City Staff - Seafood City

(Nov 2024 – March 2024 | Winnipeg, Canada)

- Prepared food according to safety standards and packed orders accurately during peak hours.
 - Maintained cleanliness of kitchen and dining areas.
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Volunteer Experience

SAIT - Capture the Flag (CTF) Cybersecurity Event (2025)

- Assisted in organizing and running SAIT's CTF cybersecurity competition
- Strengthened collaboration and communication skills through active involvement

USC - Library & Technical Support Staff (2017-2019)

- Assisted patrons with library services and provided basic technical support.
 - Organized materials and maintained a quiet learning environment.
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References

- **Therese Pabroa** – Quality Assurance at Grifols Plasma Center | 204-894-1734 | theresezia16@gmail.com
- **Lovely Goosen** – Junior Accountant at Dark Bryant LLP | 403-618-6918 | lovelygoosen@gmail.com
- **Susan Garvez** – Associate Financial Adviser at CIBC | 403 974 6352 | Susan.Garvez@cibc.com