

Caldon Poobalan

Information Technology Student

Professional Summary

Dedicated Information Technology student currently pursuing a Bachelor's degree, driven by a passion for software and interactive systems development. Academic project work has provided practical skills in complex problem-solving, responsive design, and object-oriented programming. Eager to bring this dedication and technical adaptability to a dynamic entry-level IT role.

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SKILLS

- **Programming & Web Languages:**
 - Java
 - C#
 - C++
 - Python
 - HTML
 - CSS
 - JavaScript
 - SQL
 - SQLite
 - VB.NET
- **Frameworks & Architecture:**
 - Spring Boot (.Java Ecosystem)
 - .NET Framework
- **Technical & Developer Tools:**
 - AI-driven software development
 - Microsoft SSMS
 - Apache Web Server
 - XAMPP
 - Visual Studio
 - VS Code
 - Anaconda
- **SDLC Methodologies:**
 - Agile / Scrum
 - Waterfall
 - DevOps
 - Iterative & Incremental Model
 - V-Model
 - Spiral
- **Professional Skills:**
 - Technical Documentation
 - Systems Analysis
 - Public Speaking & Presenting
 - Problem Solving & Debugging
 - Team Collaboration
- **Productivity Tools:**
 - Microsoft 365 Suite (Excel, Word, PowerPoint)

INTERESTS

- PC Gaming
- PC Building
- Podcasts
- Coding & Web Design
- AI Development
- Game Development
- Video Editing
- YouTube
- Tech Innovations
- Prompt Engineering
- DIY Projects
- Culinary Arts
- Motorsports
- Bowling

EDUCATION

Bachelor of Science in Information Technology

Richfield Graduate Institute of Technology

Feb 2024 - Present 

Year 3 (Current):

- Cyber Security
- Artificial Intelligence
- Human-Computer Interaction
- Programming 731 | Java
- Programming 741 | C#
- Software Engineering
- IT Project
- Mobile App Development
- Operating Systems
- Programming 732 | Java
- Programming 742 | C#
- Work Integrated Learning

Year 2 (2025):

- Cloud Computing
- Database Systems | SQL
- Information Systems 621
- Internet Programming 621 | PHP
- Programming 621 | C++
- Big Data and IoT
- Machine Learning
- Information Systems 622
- Internet Programming 622 | PHP
- Programming 622 | C++

Year 1 (2024):

- Information Systems 511
- Mathematics 511
- Networks 511
- Programming 511 | Python
- Web Technology 511 | HTML, CSS, JS
- Information Systems 512
- Mathematics 512
- Networks 512
- Programming 512 | Python
- Web Technology 512 | HTML, CSS, JS
- Data Science

Higher Certificate in Information Technology

Richfield Graduate Institute of Technology

Feb 2023 - Dec 2023 

- E-Commerce 511
- Introduction to Computers
- Introduction to Web Tech
- System Software
- Introduction to Programming
- E-Commerce 512
- Business Communication
- Introduction to IT
- IT Help Desk
- Work Integrated Learning

National Senior Certificate | Matric

Palmview Secondary School

2021 

ACADEMIC PROJECTS

- **Group Project - South African Sign Language (SASL) Interpreter** | Aug 2026 - Expected Nov 2026
Developing a real-time translation app to recognize & interpret SASL gestures.
- **Console-Based Airport & Airline Management System** | C#, SQL, Dapper | Apr 2026
Developed a system prototype for flight scheduling, operational workflows, and data management.
- **Campus Event Management System** | Java | Apr 2026
Developed an event management application using OOP, multithreading, and data persistence.
- **Social Media Platform** | PHP, MySQL | Nov 2025
Developed a database-driven web app with secure authentication and persistent data storage.
- **Data Structures & Algorithms** | C++ | Nov 2025
Implemented data structures and algorithms including self-adjusting lists and threaded trees.
- **Inventory Management System** | Python, Tkinter, SQLite | Oct 2024
Developed a GUI application for inventory tracking, record management, and data entry.
- **Richfield University SRC Website** | HTML, CSS, JavaScript | May 2024
Developed a responsive website for student resources, documents, and SRC information.