

EHRL BALQUIN
403 – 903 – 0115 | ehrlbalquin@gmail.com | [LinkedIn](#) | [GitHub](#)

TECHNICAL SKILLS

- **Languages:** Java, Python, C#, SQL, JavaScript, HTML/CSS
- **Frontend:** React, React Native, Expo Go, HTML5/CSS3, Responsive Design
- **Backend:** Node.js, Express.js, FastAPI, .NET Core, RESTful API Design
- **Databases:** MySQL, SQLite, MongoDB, PostgreSQL, CSV/JSON Processing
- **Cloud & Tools:** AWS, Firebase, Google Maps API, Docker, Git/GitHub, CI/CD, Jenkins
- **Testing:** Jest, Postman, Selenium, Jupyter, Unit Testing
- **Development:** Visual Studio, VS Code, Android Studio, Agile Methodology

EDUCATION

Southern Alberta Institute of Technology (SAIT)

End Date: June 2025

Graduated with a Software Development Diploma

GPA: 3.8

Relevant Coursework: Data Structures, Web Development, Mobile Development, Database Management, Software Engineering

PROJECTS

Parking Mobile Application

React Native, Expo Go, AWS

Built a mobile parking-finder application using real data from the City of Calgary's open data.

- Built a mobile app that processes 1,000+ daily parking lookups using Calgary's open data
- Reduced average search time by 30% through efficient caching and data handling strategies
- Decreased data usage by 40% via optimized API calls and local storage implementation
- Implemented real-time parking availability updates using geolocation services

Electric Vehicle Advisor Chatbot

Python, FastAPI, HuggingFace, SQLite

Built a conversational web app that delivers personalized electric-vehicle recommendations.

- Developed a conversational web application providing personalized EV recommendations.
- Designed RESTful API with 30+ decision flows, achieving <200ms average response time.

- Integrated pre-trained HuggingFace model for natural language processing.
- Functional features include /search, /save, and /browse.

Secure Web Application

React, Express.js, Node.js, JWT

Built a full-stack app with token-based auth and input validation, focusing on security implementations.

- Built a full-stack application with token-based authentication and role-based access control
- Implemented OWASP security practices, including input sanitization and XSS prevention
- Created a stateless authentication system using UUID tokens and JWT
- Developed comprehensive input validation with real-time error feedback

Business Communication Strategies for ACADA

Strategic Communications, Event Marketing, Stakeholder Analysis

Partnered with Atlantic Canada Aerospace & Defence Association to design the communication playbook for two flagship 2022 conferences.

- Partnered with Atlantic Canada Aerospace & Defence Association for two 2022 conferences.
- Created a 15-page strategic communication plan for the Maritime & Arctic Security Conference (April 2022) and Defence Trends Symposium (May 2022).
- Mapped stakeholder segments across industry, government, and academic sectors.
- Developed multi-channel marketing materials including email templates, social media content, and press kits.

EXPERIENCE

Pharmacy Assistant

Loblaw Companies Ltd.

February 2022 – Present

Calgary, AB

- Process 100+ prescriptions daily, maintaining strict accuracy and regulatory compliance.
- Manage electronic health records for 200+ patients weekly, ensuring data integrity.
- Reduced software issue resolution time by 20% through systematic troubleshooting with IT support.
- Maintain an inventory database for 100+ pharmaceutical items with automated reorder alerts.

Mentorship Volunteer

The Calgary Bridge Foundation for Youth

April 2021 – December 2021

Calgary, AB

- Delivered 100+ hours of tutoring in STEM subjects to newcomer youth.
- Created structured learning materials and progress tracking systems.
- Organized workshops bringing together students, parents, and educators.

Customer Service Associate
Loblaw Companies Ltd.

January 2016 – December 2021
Calgary, AB

- Handled 50+ daily customer interactions, achieving a 95% satisfaction rate.
- Supported POS system rollout through testing and staff training.
- Maintained product database accuracy across 100+ SKUs.

ADDITIONAL EXPERIENCE & SKILLS

- **Problem-Solving:** Experience in debugging complex pharmacy software systems and resolving technical issues.
- **Data Management:** 8+ years working with sensitive data requiring accuracy and regulatory compliance.
- **Communication:** Proven ability to explain technical concepts to non-technical stakeholders.
- **Self-Learning:** Independently learned multiple programming languages while working full-time.
- **Languages:** English and Tagalog