

Soila Pertet

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SUMMARY OF QUALIFICATIONS

- **Communication & Collaboration:** Collaborated with cross-functional teams in Agile environments, sharing progress updates, clarifying requirements through active questioning, and maintaining alignment on project deliverables.
- **Adaptability:** Adapted to dynamic and challenging project environments by learning new technologies and adjusting to shifting priorities, ensuring development goals were met efficiently and on schedule.
- **Problem Solving:** Resolved technical challenges by analyzing issues, reviewing code, and implementing fixes and improvements, ensuring projects stayed on track and production-ready.

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C, JavaScript, TypeScript
- **Frameworks:** React, Next.js, Django REST
- **Databases:** SQL, MySQL, PostgreSQL, Supabase, MongoDB
- **Tools & Platforms:** Git, GitHub, AWS, Vercel

EDUCATION

Bachelor of Science, Computer Science

September 2022 - Present

University of Calgary, Alberta | Expected Graduation: Fall 2026

- Enrolled in Science Co-op Program
- *Relevant Coursework:* Data Structures, Algorithms, Operating Systems, Database Management Systems, Scalable Data Analytics, Human-Computer Interaction I, Computer Networks, Computer Security

RELEVANT EXPERIENCE

Developer - Contract Project

June 2025 - August 2025

AlphaWave, Calgary, AB

- Collaborated with a cross-functional team to build a scalable data analysis platform using TypeScript, Python, Supabase, and AWS Lambda, enabling analysis of 100K+ Reddit conversations for marketing insights.
- Adapted to evolving client requirements and ambiguous data challenges through clear communication and iterative problem-solving to maintain reliable project outcomes.
- Designed and optimized backend logic for search and filtering pipelines, improving data retrieval accuracy and reducing false matches by ~20%.
- Diagnosed and resolved issues within backend logic and database queries to ensure accurate data retrieval and maintain reliability of analytical results.

Web Developer

February 2025 - Present

BMERIT Club, Calgary, AB

- Design and maintain the BMERIT club website using Next.js and TypeScript, delivering responsive, accessible pages that improve usability and navigation.
- Collaborate within an Agile-style team by participating in code reviews, defining feature requirements, testing implementations, and deploying updates through a GitHub-Vercel CI/CD workflow.
- Design and test new website features to ensure reliability and usability, conducting functional and user-focused testing to validate performance, accessibility, and responsiveness across devices.

PROJECT EXPERIENCE

Airline Reservation System - Full-Stack Web Application | React, Django REST APIs, MySQL

Developed and tested backend APIs and database schemas to manage passenger and flight data, ensuring reliable performance and data consistency under concurrent use.

Trip Management System - Frontend Web Application | JavaScript, HTML, CSS

Collaborated with a team to design and implement a user-centered Trip Management web app, progressing from user definition and prototyping to frontend development, applying HCI principles to enhance usability and task flow.