

Nicola Savino

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Full Stack Software Engineer | Graduating May 2026

EDUCATION

University of Calgary, Schulich School of Engineering

B.Sc. in Software Engineering, Minor in Aerospace Engineering

Calgary, AB

Sep. 2021 – May 2026

EXPERIENCE

Arcurve Inc.

Software Engineer Intern

May 2025 – Sep. 2025

Calgary, AB

- Developed features across a client software suite using C#, .NET, Blazor, React Native, and PostgreSQL for both web and mobile applications.
- Built full-stack functionality across frontend, backend, and database layers, translating stakeholder requirements into sprint deliverables in an Agile environment.
- Worked directly with client stakeholders to gather requirements, refine feedback, and estimate implementation effort for two-week sprint cycles.
- Coordinated the intern cohort charity initiative, providing guidance and mentorship during planning and execution.

Arcurve Inc.

Software Engineer Intern

Jan. 2024 – Dec. 2024

Calgary, AB

- Developed and maintained a web application for a fuel transportation client using C#, .NET, Angular, PostgreSQL, and Azure DevOps.
- Built CI/CD pipelines to automate build and deployment workflows and supported Azure Data Factory development.
- Delivered full-stack features and bug fixes across frontend, backend, and database layers in Agile two-week sprint cycles.
- Collaborated with developers, business analysts, and QA testers to review user stories, clarify requirements, and estimate implementation timeframes.

Government of Alberta – Technology Services

Network Analyst Summer Student

May 2023 – Sep. 2023

Calgary, AB

- Supported courtroom infrastructure projects by installing and configuring Cisco network devices for expansion initiatives.
- Managed helpdesk tickets for end users and assisted the audio/visual team with courtroom maintenance and switch interface configuration.

Battery Advancement

Embedded Systems Intern

May 2022 – Sep. 2022

Calgary, AB

- Designed and prototyped PCBs, developed lightweight C++ scripts for embedded boards, and modeled battery components for prototyping.
- Ran qualitative tests and created Python data visualizations to demonstrate product efficiency.

PROJECTS

Wearable Knee Monitoring System (Capstone) | *Go, React Native, BLE, PostgreSQL*

- Built a Go-based backend for a wearable knee-monitoring system integrating embedded firmware, BLE data transfer, and a React Native mobile application.
- Designed services to ingest and process real-time sensor data and collaborated across backend, mobile, and embedded components.

Alberta Health Hack | *Community, Operations, Development*

- Organized and led a health-focused hackathon with 80+ participants, managing logistics, operations, and community outreach from planning through execution.

TECHNICAL SKILLS

Languages: Python, C, C++, SQL, Java, JavaScript, HTML/CSS, C#, Go, TypeScript

Frameworks & Platforms: .NET, Blazor, Angular, React, React Native, Next.js, Node.js

Cloud, DevOps & Data: AWS, Azure, GCP, Docker, Kubernetes, Terraform, GitHub/GitLab CI/CD, PostgreSQL

Engineering Practices & Tools: Git, REST APIs, Agile/Scrum, Full-Stack Development, Backend Development, Cloud Infrastructure