

Dominic Salas

SOFTWARE ENGINEER

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Canadian Citizen · Enhanced Reliability Security Clearance

SUMMARY

Software engineer (BEng, University of Ottawa) who builds web applications, internal tools and automated test suites for federal government and industry. Develops full-stack features in C#/.NET Core, React/TypeScript, Next.js and Python on SQL Server and PostgreSQL, and writes automated tests with Jest, Vitest, Selenium and Pytest.

SKILLS

Languages: C#, JavaScript, TypeScript, Python, Java, SQL, C++, C, Ruby

Frameworks & Databases: React, Next.js, Node.js, .NET Core, Angular, Spring Boot, PostgreSQL, MSSQL, Supabase

Testing: Jest, Vitest, React Testing Library, Selenium, Pytest, JUnit, Mockito, JaCoCo, ServiceNow ATF, Postman, regression and snapshot testing

Tools & Platforms: Git, GitHub, Jira, Confluence, Linux (Ubuntu), AWS Rekognition, SharePoint Online, Microsoft Dynamics 365, Power Platform (Power Apps, Power Automate, Power BI), Agile/Scrum

EXPERIENCE

Information Management Specialist · Department of National Defence (CAFCYBERCOM) Jun 2026 – Oct 2026

- Built and maintained an internal suggestions and social platform (Power Apps, SharePoint lists) serving 1,000+ users.
- Developed administrative and logistics apps in Power Apps on existing SharePoint lists and site pages, helping unit staff complete daily tasks faster.
- Helped direct legacy SharePoint On-Premises data migration and retirement and labelling conventions for protected information, and produced video tutorials and documentation that streamlined onboarding.

Software Developer / Programmer Analyst · Immigration and Refugee Board of Canada May 2024 – Sep 2024

- Developed and tested web-based reporting applications in C# and .NET Core with Microsoft SQL Server back ends.
- Built and maintained the front-end UI/UX for web reporting tools.
- Developed cloud applications on Microsoft Dynamics 365, Power Platform and SharePoint Online.

Build Systems and Tools Development Intern · Ford Motor Company May 2023 – Aug 2023

- Developed and maintained a serial part number database web app in React, JavaScript and Python on Linux (Ubuntu).
- Implemented automated unit and snapshot tests for internal tooling, and supported debugging and code reviews.
- Wrote scripts, process documentation and flowcharts that automated daily build-system tasks, tracking work in GitHub, Jira and Confluence on an Agile team.

IT Test Developer · House of Commons of Canada Sep 2022 – Dec 2022

- Developed and maintained automated test suites in ServiceNow Automated Test Framework (ATF), ran regression testing on platform changes, and supported QA for internal and public-facing web and mobile services.

Geomatics Software Engineer (Co-op) · CartoVista Jan 2022 – Apr 2022

- Developed interactive web mapping applications and data-visualization components in HTML5, CSS and JavaScript, and performed GIS analysis on geographic datasets.

PROJECTS

Nutrilog | Next.js, Supabase (PostgreSQL), Vitest, AWS Rekognition

- Built a web app that identifies food ingredients from photos using AWS Rekognition, with client data in PostgreSQL and automated Vitest suites plus build/test scripts for repeatable verification.

EDUCATION

Bachelor of Engineering (BEng), Software Engineering (Co-op) · University of Ottawa 2026

LEADERSHIP & ACTIVITIES

Research and Development Coordinator · Enactus uOttawa Jun 2022 – Jun 2024

Semifinalist, 2023 Young Innovation Challenge, with biodegradable air fresheners made from invasive flowers.

Vice President of Events · uOttawa Esports Aug 2022 – May 2023

Club won "Best Competitive Sports Club" at the 2023 Student Life Awards.