

# Paul McIsaac

Halifax, NS | 782-414-4020 | [pmcisaac@gmail.com](mailto:pmcisaac@gmail.com) | [LinkedIn](#) | [Portfolio](#)

## Summary

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**Motivated and detail-oriented Full-Stack Developer** with a strong foundation in **JavaScript, Node.js, React** and cross-platform development in **Electron**. Passionate about writing clean, maintainable code and collaborating in dynamic environments to develop user-centric software. Seeking an opportunity to apply my proven technical, communication, and problem-solving skills in a fast-paced, innovative team.

## Experience

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### Federated Software, Software Developer

2016 - 2017

Calgary, AB

- Developed a volunteer tracking system to manage corporate volunteer opportunities and shift scheduling
- Collaborated to analyze user requirements and translate them into functional, efficient solutions.
- Delivered projects on schedule while demonstrating expertise in front-end (HTML, CSS, ASP.NET) and back-end (C#, MS SQL Server) technologies.

### Stantec Inc., Software Developer

2006 - 2016

Calgary, AB

- As a member of the Informatics team in the Environmental Management group I designed and built tools to manage environmental field data, track application documents, and administer project equipment usage and billing
- Collaborated to analyze user requirements and translate them into functional, efficient solutions.
- Designed, developed, and maintained high-quality database-driven software applications using C#, ASP.NET and MS SQL Server.

### Jacques Whitford-AXYS Environmental., GIS Specialist

2001 - 2006

Calgary, AB

- Utilized geographic information systems (GIS) technologies (Esri ArcGIS) to collect, analyze and visualize spatial data to support environmental management and infrastructure projects.

- Performed spatial data analysis, data visualization and created high-quality cartographic outputs to develop solutions for clients and team members.

## Education

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### Full Stack Application Development

2024 - 2025

Nova Scotia Community College

- Completing an intensive program focused on designing, building, and deploying dynamic web and mobile applications.
- Developed a strong understanding of application lifecycle management, responsive design, API integration, and version control with Git.
- Gaining hands-on experience with full stack technologies, including HTML, CSS, JavaScript, React, Node.js, and databases such as MS SQL Server and MongoDB.

Projects Include:

- Developed a cross-platform, desktop video-conversion application using Electron.
- Built a REST API with Node.js, Express and MongoDB.
- Developed a browser-based replica of an online game using pure JavaScript and DOM manipulation, creating interactive gameplay without external libraries.

### Digital Cartography

1999 - 2001

Centre of Geographic Sciences

- Program skills focused on collecting, managing, processing and presenting geospatial data using industry-leading software and tools.
- Emphasis on projects applying GIS desktop, mobile, open source and web geospatial technologies.

## Technical Skills

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- JavaScript
- Node.js
- Electron
- React.js
- Asp.Net
- Vue.js
- MongoDB
- MS-SQL Server
- CSS/HTML