

## Travis Geislinger

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### Skills

- **Programming Languages:** JavaScript, Python, HTML, CSS, SQL, C#
  - **Front-End Frameworks & Libraries:** React.js, Next.js, Vite, AngularJS, TypeScript, TailwindCSS, jQuery
  - **Back-End & Databases:** Node.js, Express.js, ASP.NET, PostgreSQL, Microsoft SQL Server, Supabase, Sanity CMS
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### Experience

#### Software Developer

**Gregg Distributors Ltd.** | April 2023 – Present

- Designed and developed an **Automotive Parts Application** using **C#, ASP.NET MVC, JQuery, SQL, and Azure**, enabling seamless integration of automotive data into E-Commerce websites and PIM Software.
- Maintained and optimized three e-commerce websites (hosting 200,000+ products) by:
  - Implementing **address validation** and streamlining checkout processes, reducing returned shipments.
  - Improving **shipping estimates** with real-time calculations and shipping RESTful API integrations.
  - Debugged updated, documented continuous code improvements across web applications based on customer and developer requests.
- Led **SQL Server database migrations** and platform upgrades, ensuring seamless performance.
- Designed and implemented a scalable solution for sales trend analysis using **JavaScript, jQuery, AJAX, SQL, and Azure**. The **Web Reporting and Invoicing System** featured a dashboard interface for reviewing orders, quotes, sales, email inquiries, branch-specific sales, and e-commerce sales.
- Built **fraud tracking and order archiving SPAs** using **JavaScript, jQuery, and AJAX** for improved operational transparency.
- Documented **technical workflows and APIs**, ensuring scalability and reusability.

#### Software Developer (Remote)

**University of Alberta, Earth and Atmospheric Science** | November 2023 – November 2024

- Created a **GIS application** using **React, Vite, Leaflet, and Next.js** for Geochemists to visualize and analyze geochemical data. Utilized Git for version control and implemented continuous integration and deployment (CI/CD) pipelines to streamline development and deployment processes.
- Enhanced **data accuracy** via real-time synchronization with **PostgreSQL** databases.
- Designed **secure APIs** for data protection and compliance.
- Presented the project at **Geoconvention 2024**, showcasing its innovative capabilities. [Abstract Archive](#)

#### Software Developer (Remote)

**B/D Electric Systems Ltd.** | November 2022 – April 2023

- Developed and deployed a **responsive website** in an agile environment using **Next.js, React, and Sanity.io**, hosted on Vercel, significantly increasing client engagement.
  - Automated **data handling workflows**, reducing manual errors and improving CMS reliability.
  - Delivered a **scalable, user-focused solution** following SDLC practices, including requirements gathering, design, and deployment.
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### Education

- **IBM AI Developer Professional Certificate** | Software Engineering (Ongoing: Dec. 2024 – Present)
  - **JavaScript Mastery Masterclass** | Software Engineering (June 2022 – Jan. 2023)
  - **Zero to Mastery** | Web Development (June 2021 – June 2022)
  - **Northern Alberta Institute of Technology** | Project Management (June 2018 – June 2019)
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### Projects

- **GIS Application for Geochemistry Data:** Developed a mapping tool to visualize well gas isotopic responses, leveraging React, Next.js, PostgreSQL, and Leaflet. Presented at **Geoconvention 2024**.
- **Web Reporting and Invoicing System:** Built a scalable solution for sales trend analysis using JavaScript, jQuery, and AJAX, SQL, and Azure.
- **E-commerce Optimization:** Enhanced user experience on high-traffic websites through real-time shipping RESTful APIs, security features, intuitive checkout process, and applying knowledge of Verto microservices.