

Travis Geislinger

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SKILLS

PROGRAMMING LANGUAGES JavaScript, Python, HTML, CSS, SQL

FRONT-END SKILLS React.js, TailwindCSS, JQuery, Next.js, AngularJS, TypeScript

BACK-END SKILLS Node.js, Express.js, PostgreSQL, Microsoft SQL Server, Sanity.io, Supabase

DEPLOYMENT & OTHER SOFTWARE A.I., Git & Github, Microsoft Project, Vercel, Figma, DataTables, Leaflet

EXPERIENCE

UNIVERSITY OF ALBERTA. EARTH AND ATMOSPHERIC SCIENCE | SOFTWARE DEVELOPER Remote | November 2023 – Present (Volunteer)

- Developed a Geographic Information System (GIS) seamless, user-friendly application utilizing React, Leaflet, and Tailwind CSS that displays the location of oil and gas wells across the Western Canada Sedimentary Basin, delivering an intuitive user experience.
- The interactive GIS map visually displays geolocations, seamlessly integrating geochemical data for each oil and gas well within an intuitive interface.
- Implemented industry-standard methodologies to construct robust database structures, leveraging PostgreSQL queries and Next.js RESTful APIs for seamless integration of backend data with the frontend. Ensured adherence to stringent security protocols throughout the Content Delivery Network (CDN) infrastructure.
- Technologies: React, PostgreSQL, TailwindCSS, JavaScript, and Supabase.

GREGG DISTRIBUTORS LTD. | SOFTWARE DEVELOPER Edmonton, AB | April 2023 – Present

- Proficiently managed large-scale databases, conducting migration and optimization tasks utilizing SQL and data analytics techniques.
- Implemented advanced SQL time series analytical queries, window functions, and data modeling to enhance database performance and usability.
- Led SQL query optimization efforts, resulting in a 30% reduction in query execution time and significant improvements in system responsiveness.
- Developed an in-house reporting software, automating data analysis and generating actionable insights, which led to a 25% decrease in operational costs and enhanced decision-making processes.
- Innovated the functionality of three e-commerce websites by introducing new features to optimize site navigation and streamline the checkout process, resulting in increased order volumes and a notable 22% improvement in order delivery accuracy.
- Technologies: SQL, JavaScript, Angular, React, Vue, JQuery, CSS, and GraphQL.

B/D ELECTRIC SYSTEMS LTD. | SOFTWARE DEVELOPER Freelance | Feb 2023 – April 2023

- Applied expert-level front-end software development skills using React.js, JavaScript, TailwindCSS, and Next.js. Architected and implemented the database infrastructure utilizing Sanity CMS and Next.js to build the RESTful API, alongside proficiency in various types of REST API development.
- Created and led the development of the company website, applying a modern and user-friendly platform that markedly improved the overall online presence. This initiative directly contributed to a substantial 53% growth in work orders for the company.
- Technologies: React, Next, TailwindCSS, Sanity, Vercel, Github, and JavaScript.

JSM MASTERCLASS | SOFTWARE DEVELOPER Remote / Open Source | June 2022 – Jan. 2023

- Led cross-functional teams of 2-5 members through the entire project lifecycle, leveraging React, Next.js, Sanity, TailwindCSS, Redux Toolkit, Node.js, APIs, and testing frameworks to deliver innovative solutions.
- Maintained rigorous version control practices, contributing code daily to Git repositories, and conducted thorough code reviews to ensure cohesion, quality, and alignment with project objectives.
- Implemented robust testing strategies, including unit, integration, and end-to-end testing, to validate code functionality and enhance application reliability.
- Crafted mobile-responsive web applications, translating client design concepts from Figma into interactive React interfaces and integrating them with Node.js APIs, resulting in highly performant solutions that met and exceeded client requirements.
- Technologies: React, Next, Sanity, TailwindCSS, Redux Toolkit, API's, Git/Github, Vercel, Figma, Node, and JavaScript.

ALPHA CONSTRUCTION INC. | PROJECT MANAGER July 2016 – July 2021

- Planned, collaborated, monitored, and reported on profitable projects progress valued between 18- 25 million CAD. Estimated costs and ensured the project was on budget while increasing profits by approximately 20% per project.
- Demonstrated leadership by communicating with team members, clients, sub-contractors, and suppliers to achieve deliverable projects that were 100% completed on/or before the scheduled time.

EDUCATION

JAVASCRIPT MASTERY MASTERCLASS | SOFTWARE ENGINEERING June 2022 - January 2023 ZERO TO MASTERY | WEB DEVELOPMENT June 2021 - June 2022 NORTHERN ALBERTA INSTITUTE OF TECHNOLOGY | PROJECT MANAGEMENT June 2018 - June 2019