Travis Geislinger

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SKILLS

Programming Languages: JavaScript, Python, HTML, CSS, SQL, C#
Front-End Development: React.js, Next.js, AngularJS, TypeScript, TailwindCSS, JQuery
Back-End Development: Node.js, Express.js, ASP.NET, PostgreSQL, Microsoft SQL Server, Supabase
API and CMS Integration: Expertise in designing, developing, and managing robust API solutions and CMS using Sanity.io and ASP.NET.

EXPERIENCE

UNIVERSITY OF ALBERTA, EARTH AND ATMOSPHERIC SCIENCE | SOFTWARE DEVELOPER Remote | November 2023 – Present

- Developed a GIS application using React, Leaflet, Tailwind CSS with a Next.js frontend, enhancing interactive data visualization.
- Engineered real-time data synchronization features using Next.js and PostgreSQL, improving accuracy and user engagement.
- Designed and developed secure API communications to safeguard sensitive geochemical data, ensuring compliance with industry standards.
- Interactive map application presented at Geoconvention 2024. Please see reference below:
  González Arismendi, G., & Muehlenbachs, K. (2024). Linking the spatial variability of carbon isotopic composition of surface casing vent flow gases to geology and well characteristics in an interactive map of the Lindbergh heavy oil field, Alberta, Canada. Geoconvention 2024, Calgary, Alberta. https://geoconvention.com/2024-abstract-archive/

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

- Enhanced and maintained two major e-commerce sites using Angular and React, leading to improve user experience and increase sales.
- Developed and supported multiple web applications for internal use, including a web reporting app and an automotive parts reference app, boosting operational efficiency, user accessibility and sales.
- Designed and developed optimized SQL database structures and APIs, enhancing performance and system responsiveness.

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

- Architected and deployed a CMS and API ecosystem using Sanity.io and Next.js, enhancing content management and operational efficiency.
- Designed a user-friendly website interface, significantly increasing client interaction and online visibility.
- Developed and implemented automated data handling and user interaction processes, reducing manual input errors and increasing operational reliability.

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

- Led the design and development of multiple interactive web applications using React, Next.js, and Sanity.io, focusing on scalability, maintainability.
- Developed comprehensive testing strategies and APIs using Node.js, Next.js, Sanity.io ensuring robustness and reliability of applications.
- Managed cross-functional teams in an agile environment, delivering projects that consistently met deadlines and exceeded client expectations.
- Utilized Sanity.io CMS and Next.js to develop multiple optimized web applications that have creative and intuitive user design for the client and a solid reusable application structure for future use in other web appications.

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