KOLBY SARSON

Chatham, ON (Open to Hybrid/Remote) | (226) 346-5331 | ksarson10@gmail.com
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TECHNICAL SKILLS

Front End| CSS, Cypress, JavaScript, JSX, KendoReact, React, RWMC, TypeScript
Back End| Dapper, C#, MySQL, .NET, Node.js, PL/SQL, Python, RESTful APIs
DevOps| Azure, FluidMigrator, TeamCity
Developer Tools| Graylog, ESLint, git, npm, Oracle SQL Developer, Visual Studio, Visual Studio Code

EXPERIENCE & PROJECTS

Software Developer | Utilismart Corporation   Nov 2022 - Present

Full-stack development of SAAS web apps for Utility Customers   React | JavaScript | C# | .NET | PL/SQL | SnowflakeDB

- Built and maintained responsive web apps for utilities, providing improved user experiences and performance.
- Utilized Node.js to create scalable, backend systems that could handle large amounts of data and user requests.
- Optimized database queries and PL/SQL code to improve database performance and reduce app response time.
- Implemented efficient algorithms in C# to process large volumes of data and improve app performance.
- Worked with project managers to establish project requirements and ensure timely delivery within scope.
- Stayed current with emerging software tools and programming languages, consistently enhancing technical abilities.

System Technologist | Temporary | Lambton Kent District School Board   May 2022 - Nov 2022

Remote learning management system web apps   MySQL | Python | VBA

- Oversaw six K-12 education apps, including accounting and record systems for optimal performance and reliability.
- Spearheaded server upgrades for board-wide accounting app smoothly and with minimal disruption to users.
- Improved app security by implementing enhanced practices, ensuring safety and confidentiality of sensitive data.
- Provided timely and effective tech support to users & stakeholders, resolving issues & answering inquiries.
- Collaborated cross-functionally on IT projects such as system migrations and upgrades to achieve goals.
- Ensured data integrity and regulatory compliance by maintaining records of system configurations, updates, and issues.

Business Systems Analyst | Ground Effects Ltd.   May 2019 - September 2019

SQL Developer for reporting and optimization in cross-functional software projects   ReportBuilder | Navicat | MySQL

- Designed and implemented efficient SQL queries and reports to provide real-time data for upper-level management.
- Enhanced and optimized existing queries and reports to improve performance and efficiency.
- Collaborated with the IT department to train and guide on using Navicat, Report Builder, and MySQL.
- Actively participated in cross-functional teams to develop and deliver data driven solutions.
- Contributed to the development and implementation of data quality and validation processes.

EDUCATION

University of Western Ontario| Master of Science, Computer Science, GPA (3.9)   2022
- An Investigation Into Time Gazed At Traffic Objects By Drivers

University of Windsor| Bachelors of Science, Computer Science, GPA (3.9)   2020
- Specialization in Software Engineering with a Minor of Mathematics