KOLBY SARSON

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SKILLS

Front End|APIs, CSS/SCSS, Cypress, ES5, HTML, JavaScript/TypeScript, JSX/TSX, KendoReact, React, RWMC
Back End| C#, Dapper, MySQL, .NET, Node.js, PL/SQL, Python, Unit Tests
DevOps|Azure, FluentMigrator, RabbitMQ, TeamCity
Developer Tools|Graylog, ESLint, git, npm, Oracle SQL Developer, Visual Studio, Visual Studio Code
Practices|Agile, CI/CD, Code Cleanup, Estimation, Pipelines, Security, Standups, Updates

EXPERIENCE & PROJECTS

Full Stack Developer | Utilismart Corporation   Nov 2022 - Present

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

- Designed and maintained responsive full stack applications with git version control for utility industry customers, focusing on web design principles to deliver improved user experiences and performance.
- Optimized database performance and reduced application response time by up to 90% through the optimization of dapper queries and PL/SQL code, leveraging APIs to streamline data retrieval and processing and showcasing an attention to detail.
- Developed and implemented efficient algorithms in C# to enhance application performance by up to 40% while processing large volumes of data with strong problem-solving and creativity.
- Collaborated through teamwork with project managers and fellow developers to establish project requirements and ensure timely delivery within scope, employing CSS, SCSS, and external libraries for a high quality user experience.
- Handled a variety of common file extensions, including JSON, CSV, XML, DAT, CMEP, and others, ensuring seamless integration and compatibility within the software ecosystem.
- Stayed current with emerging software tools, programming languages, and full stack development advancements, 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