KOLBY SARSON

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TECHNICAL SKILLS

Front End| CSS, Cypress, JavaScript JSX, KendoReact, NodeJS, React, RWMC, TypeScript
Back End| C#, MySQL, .NET, PL/SQL, RESTful APIs
DevOps| Azure, Docker, FluidMigrator, TeamCity
Developer Tools| Babel, ESLint, Git, npm, Oracle SQL Developer, Visual Studio, Visual Studio Code, Webpack

EXPERIENCE & PROJECTS

Software Developer | Utilismart Corporation   Nov 2022 - Present

Backend redesign for reviews module of legacy e-commerce microservice   React | JavaScript | Node.js | C# | .NET | PL/SQL
- 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 | Lambton Kent District School Board   May 2022 - Nov 2022

Remote learning management system web app   MySQL | Pyhton | 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.

Personal Project | E-Portfolio   February 2023 - Present

MERN stack implementation of an e-portfolio project   React | JavaScript | Node.js | MongoDB | Express.js | Bulma
- Building for deployment a responsive e-portfolio web app using the MERN stack.
- Utilizing Node.js and Express.js to develop a scalable backend for handling user requests.
- Implementing React components and styling the UI with Bulma to create an intuitive and seamless user experience.
- Optimizing database performance and query speed with MongoDB and implementing authentication features.
- Continuously improving technical skills by staying up-to-date with emerging libraries and frameworks.

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
- Specialiation in Software Engineering
- Minor of Mathematics