Keegan Sanctis

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SOFTWARE DEVELOPER/ENGINEER
Frontend | Backend | Full Stack Development

Innovative and detail-oriented Software Developer with a strong background in Frontend, Backend, and Full Stack Development. Experienced in Software Quality Assurance, with a proven track record of enhancing product reliability. Proficient in C++, JavaScript, and other languages, with a solid foundation in object-oriented design and software development principles. Committed to delivering high-quality software products and solving complex technical challenges. Passionate about continuous learning and effective teamwork.

Technical Skills: C++, C, JavaScript, HTML5, CSS3, Angular, React, Bootstrap, Python, Kotlin, SQL, Ionic, Linux

- ➤ Version Control (Git)
- ➤ Database Management
- ➤ Agile Methodologies
- ➤ Object-Oriented Programming (OOP)
- ➤ User Interface (UI) Development
- ➤ Software Quality Assurance (QA)
- ➤ Automated Testing
- ➤ Continuous Integration (CI)
- ➤ Debugging

Soft Skills: Effective Communication | Team Collaboration | Problem-Solving | Detail-Oriented | Adaptability

EDUCATION AND CERTIFICATIONS

Bachelor of Computer Science, Minor in Economics   **Sep 2018 – Oct 2023**
University of Waterloo, Waterloo, ON

Codecademy: JavaScript | React | HTML | CSS | Bootstrap

PROFESSIONAL EXPERIENCE

Frontend Software Developer | RoyalTech Electrical, Freelance   **May 2024 – Present**
- ➤ Spearheading the design and development of a comprehensive e-commerce website for RoyalTech Electrical utilizing JavaScript, React, HTML, and CSS to establish a robust online presence and streamline the ordering process.
- ➤ Implementing advanced features to enable customers to place orders easily and securely, significantly contributing to increased sales and enhanced customer retention.
- ➤ Collaborating closely with the sales team to ensure the website aligns with business goals, resulting in a cohesive and effective online presence that supports sales objectives.

Software Developer | D2L, Kitchener, ON   **Sep 2022 – Dec 2022**
- ➤ Implemented substantial enhancements to essential user interface (UI) elements and libraries within Brightspace, D2L's flagship product, thereby enhancing user experience for a client base of over 1,300 international organizations.
- ➤ Collaborated with cross-functional teams to deliver pivotal UI components using JavaScript frameworks, HTML, and Bootstrap, crucial for the evolution of diverse Brightspace user interfaces, ultimately reaching millions of users worldwide.
- ➤ Enhanced the usability and accessibility of Brightspace through strategic and impactful UI development initiatives.

Software Engineering Consulting | Capco, Toronto, ON   **Jan 2022 – Apr 2022**
- ➤ Leveraged cutting-edge technologies to overhaul BMO Harris Bank's online banking app, ensuring alignment with industry.
- ➤ Seamlessly upgraded the codebase from Angular 5 to 13 and Ionic 3 to 5, ensuring the application remained technologically advanced and future-proof, resulting in a performance increase of about 65%.
- ➤ Worked closely with the QA team to identify and rectify post-upgrade bugs, ensuring the stability and reliability of the application through rigorous testing and maintenance of a robust unit test suite.

Software Developer | Marsh McLennan, Toronto, ON   **May 2021 – Aug 2021**
- ➤ Overhauled the corporate information systems portal using React and Ionic for frontend development, seamlessly integrating SQL, MongoDB, and Docker on the backend, optimizing company-wide finance and training operations.
- ➤ Implemented and managed an Automated Regression Test Suite with CodeceptJS Testing, leveraging Playwright as the framework, enabling seamless continuous integration and deployment processes, thus reducing testing time by 40%.

IT Support & Quality Assurance | Pillar To Post, Toronto, ON   **Sep 2020 – Dec 2020**
- ➤ Addressed operational challenges for home inspectors, performed comprehensive manual testing, and collaborated with developers to ensure smooth deployment of new application versions, enhancing software reliability and effectiveness.

QA Automation Developer | Dye & Durham, Toronto, ON   **Jan 2020 – Apr 2020**
- ➤ Enhanced Econveyance's document management software for law firms by developing automated testing scripts with Nightwatch.js, identifying and reporting software issues, and ensuring robust performance and user satisfaction.

PROJECT

Monopoly   **Jul 2020 – Aug 2020**
- ➤ Crafted and coded the classic game Monopoly, demonstrating proficiency in Object-Oriented Software Development. Applied core Object-Oriented Programming concepts in C++, illustrating mastery in integrating fundamental principles into practical applications.