ERIC DAGENAIS – FRONT-END DEVELOPER

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WORK EXPERIENCE

Centre Franco   **Ottawa, ON**
Software Engineer   *Mar 2020 - Now*
- Developed a course management library to enhance accessible learning for students with disabilities. Utilized Astro, Vue.js, React, Tailwind, and implemented a RESTful API with Azure Serverless Functions and Contentful integration.
- Collaborated closely with content creators and web developers to establish a course creation platform. Empowered content creators to seamlessly edit content during the course of the project, resulting in a significant reduction in QA time. Employed Astro, Vue.js, Tailwind, and implemented a RESTful API with Azure Serverless Functions and Contentful integration.
- Crafted requirements and developed an application to enable school principals to efficiently oversee classroom staff allocation, student learning plans and placements, serving over 2 million students. Leveraged Vue/Nuxt/Vuex, SignalR (Websockets), RESTful APIs, and SAP integration.
- Enhanced and optimized an event management system using React.js, TypeScript, Material UI, SASS, and RESTful APIs.

Knak Inc.   **Ottawa, ON**
Front-End Developer   *Jun 2018 – Jun 2019*
- Contributed to the development of a front-end for an enterprise-grade application facilitating Fortune 500 companies in the creation and management of email marketing campaigns.
- Designed custom marketing templates compatible with Adobe Experience Cloud and corporate email tools, including personalized email signature creators adhering to corporate business rules.
- Created a comprehensive testing strategy encompassing a formal QA process and load testing to optimize AWS resources, and conducted UX testing with Hotjar.

Synergiq Solutions   **Toronto, ON**
UI Developer & Tech Lead   *Jan 2014 - Oct 2017*
- Designed and contributed to the development of a full-stack English as a Second Language knowledge sharing platform for over 10,000 teachers, while actively participating in the implementation of an Atomic Design approach.
- Collaborated with a partner university to create a public-facing social media application for discussing relevant political topics.

LEADERSHIP EXPERIENCE

Centre Franco   **Ottawa, ON**
Software Engineer   *Mar 2020 - Now*
- Worked as lead developer, provided mentorship, conducted tech interviews, served as an internal consultant on multiple projects, and contributed to high level strategic decision-making processes.

Knak Inc.   **Ottawa, ON**
Front-End Developer   *Jun 2018 – Jun 2019*
- Introduced Agile methodologies to the team, facilitating the transition from startup to enterprise-grade software development. Oversaw the QA process for implementing enterprise-grade permissions and workflows.

Synergiq Solutions   **Toronto, ON**
UI Developer & Tech Lead   *Jan 2014 - Oct 2017*
- Served as tech lead, handling QA development work, project requirement development, and conducting interviews.

SKILLS & INTERESTS

Skills:
- Over 12 years of professional development experience
- Proficient in JavaScript, React.js, Vue.js, Astro, CSS/SASS, Bootstrap, Tailwind
- Skilled in Serverless Functions and Full-Stack JavaScript
- Experienced in mentorship
- Fluent in both English and French

Interests:
- Passion for JavaScript and exploring Machine Learning and LLMs
- Enthusiastic about Design Patterns
- Committed to mentorship and continuous learning
- Keen interest in Web 2.5/3 technologies
- Enjoy woodworking as a creative outlet