**Kurt Crandall**

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Dear Hiring Manager,

I am excited to express my strong interest in and apply for the Frontend Software Engineer position at CAE. With a wealth of experience in developing and deploying web applications and tools in JavaScript utilizing React, as well as a STEM background in working with geospatial data, I am confident that my skills and expertise align perfectly with the requirements of your team.

In my most recent role at Socket League, I demonstrated my ability to build robust software applications and deliver innovative solutions to complex challenges. One of my notable accomplishments was the development and deployment of two NPM libraries that provided a lightweight, non-opinionated way to bidirectionally synchronize state across multiple clients through a custom React Hook, enhancing cross-team collaboration and efficiency in projects. Additionally, I expanded support for the product’s database drivers, including SQL (PostgreSQL), NoSQL (MongoDB), and an agnostic TypeScript driver for customization and optimization. To ensure top-notch code quality and seamless deployment, I conducted rigorous testing using Jest and Puppeteer and streamlined our CI/CD pipeline through GitHub Actions. My expertise also extends to working with SOAP and RESTful web services, API design, and cloud-native technologies, with a preference for AWS, and I am always eager to learn and apply new technologies and approaches.

As someone passionate about developing cutting-edge software to solve complex problems, I am excited about the opportunity to work on projects that support the Department of Defense and contribute to CAE's vision of elevating safety, efficiency, and readiness. I am eager to join a collaborative and agile environment, where I can continue to learn and advance my skills.

Thank you for considering my application. I am enthusiastic about the opportunity to contribute to CAE's mission and values and would welcome the chance to discuss my qualifications further.

Sincerely,

Kurt