

Kris Fragata, Software Engineer

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SKILLS

Strong: JavaScript, TypeScript, React (Hooks API, Router API), Svelte, Redux, Redux-Toolkit, Node.JS, Express, Authentication, RESTful APIs, Webpack, Vite, HTML/CSS/SASS, jQuery, NoSQL (MongoDB), SQL (PostgreSQL), Git, GitHub, Agile/Scrum Development

Experienced: Python, Java, OAuth, Bcrypt, GraphQL, Jest/Testing Library/Enzyme

EXPERIENCE

Software Engineer, Scrum Lead

Svisualize | Svelte Component Visualizer

January 2024 - Present

- Developed a VS Code extension to generate and visualize a comprehensive, Svelte component tree, enhancing Svelte developers' productivity by highlighting component relationships directly within the editor environment.
- Successfully tackled the challenge of integrating VS Code API functionalities with Svelte by implementing a middleware layer and leveraging TypeScript's export functionality. This achievement highlights our rigorous testing, where we identified and addressed bugs to ensure seamless communication and data exchange.
- Designed an algorithm to parse through file contents and retrieve component children's names and file paths to use in component tree.
- Played a key role in the design phase, translating project requirements into scalable and maintainable software architecture, facilitating efficient development and future enhancements.
- Actively participated and lead daily stand-ups and meetings, providing clear and constructive communication to support team collaboration and alignment.

Trip Leader & Raft Guide

Crab Apple Whitewater

May 2021 - Present

- Demonstrated exceptional leadership and communication skills as a trip leader and raft guide, and ensured the safety and enjoyment of customers.
- Effectively conveyed safety procedures and boat mechanics to customers, instilling confidence and excitement for the upcoming adventure.
- Collaborated with fellow guides to develop strategies for optimal navigation through challenging sections of the river, demonstrating strong teamwork and problem-solving abilities.
- Provided supportive feedback to team members to foster growth and development which ensured a positive work-environment with a strong and confident team of guides.
- Received numerous positive reviews from customers, reflecting exceptional customer service and dedication to delivering memorable experiences.

OPEN SOURCE PROJECTS

Snipshots | Codes Snippets Management

January 2024 - February 2024

- Enhanced user interface and snippet management capabilities by leveraging React's component-based architecture and Redux Toolkit's state management, ensuring a declarative and interactive user experience.
- Engineered a RESTful API using Express.JS to facilitate seamless communication between the frontend and MongoDB, leveraging the framework's efficient HTTP request handling.
- Optimized code snippet storage by harnessing MongoDB's schema-less nature through Mongoose, allowing for dynamic and efficient handling of diverse code structures, ensuring adaptability and scalability.
- Ensured the reliability of code snippets and app functionalities by implementing Jest for comprehensive unit testing, facilitating automated verification of individual components and modules.
- Enhanced user account security by integrating Bcrypt for cryptographic password hashing during user registration, ensuring robust protection of sensitive information.

EDUCATION

Fine Arts Major

Minor in Computer Science • Washington University in St. Louis • St. Louis

INTERESTS

Hobbies!

- Hiking up my backyard's mountain to snowboard down, cooking delicious meals with whatever is in the pantry, teaching my cat to roll over, climbing and music-festivals (with proper ear and sun protection, of course)