Raza Mahmood

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Skills

Programming Languages

JavaScript, TypeScript, PHP, Dart, C#, C, Python, Java

Technologies

Git, Node.js, React, Next.js, GraphQL, GatsbyJS, Webpack, Svelte, Drupal, Storybook, Tailwind-CSS

Experience

Analyst II (Web Developer)   **January 2024 - Current**

University of Guelph - Communications & Marketing

- Initiated the migration of front-end infrastructure to modern technologies (Next.js and Tailwind-CSS), improving performance, scalability, and maintainability.
- Designed and implemented front-end interactions with a CMS built on Drupal and GraphQL, ensuring seamless data integration and dynamic content delivery.
- Developed a UI component library with React and TailwindCSS, enabling consistent and efficient design implementation across projects.
- Leveraged Storybook and Chromatic to implement visual regression testing for UI components, ensuring consistency and preventing UI discrepancies across updates.
- Led the development of new program search and admission requirements pages, streamlining the application process and enhancing the user experience for prospective students.

Web Intern   **May 2023 - December 2023**

University of Guelph - Communications & Marketing

- Contributed to the redesign and development of the University's homepage using GatsbyJS and Drupal, enhancing performance and visual appeal.
- Developed and maintained a reusable web components library with Svelte, streamlining development workflows and improving consistency across the University's web properties.

Web Communications Officer Co-op   **September 2019 - August 2021**

University of Guelph - Communications & Public Affairs

- Spearheaded the revamp of the University's campus map using the Google Maps JavaScript API, delivering a more intuitive and user-friendly experience for visitors.
- Maintained and optimized PHP-based web pages (Apache and WordPress), and designed server-side scripts to improve page functionality, performance, and overall user experience.

Education

Bachelor's in Computer Science, Specialization in Mathematics   **Class of 2023**

University of Guelph