

Brandon Lee Tran

Frontend Software Developer with a keen interest in building accessible and performant websites.

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WORK EXPERIENCE

Software Developer, Gallup

JAN 2022 – PRESENT

- Employing front-end performance tactics such as CSS/JavaScript minification, lazy loading, mobile-friendliness, image compression, and accessibility to improve user experience and search engine optimization
- Developed and led a MudBlazor Component Library with over 50 components that are custom-branded, accessible, and reusable, published as a NuGet package used in multiple applications
- Developed integration test site used as an API reference for the MudBlazor Component Library with ASP.NET Core Blazor WebAssembly, hosted using AWS S3 and AWS CloudFront
- Developed an application site for future coaches to be a Certified Strengths Coach with support in 12 different languages
- Streamlined automated development processes using Azure DevOps CI/CD pipelines
- Contributed to MudBlazor's open-source code to improve accessibility and robustness
- Utilized object oriented programming, asynchronous programming, dependency injection, and repository pattern
- Achieved excellent Google Lighthouse scores, demonstrating a strong focus on site performance
- Integrated internal REST APIs into an existing ASP.NET Web Forms application, introducing JWT authorization, enabling secure and authenticated access to protected resources
- Mentored high school and college interns, taught students HTML/CSS, JavaScript, Bootstrap, ASP.NET Core REST API, Entity Framework, and Sqlite

Software Developer Intern, Scrum Master Intern, Gallup

MAR 2019 – APR 2020

- Successfully integrated the Tango API into an existing internal application, allowing employees to earn points for fitness activities and redeem them as real money gift cards at popular brands such as Nike, Adidas, and Amazon
- Utilized HTML, CSS, Vanilla JavaScript, and jQuery to create an interactive and visually appealing user interface
- Produced a 30% increase in employment engagement, promoted a culture of wellness via fitness challenges and rewards
- Collaborated on the utilization of the repository pattern and adherence to the ASP.NET Core MVC architecture using C#, optimizing code organization, modularity, and maintainability

SKILLS

Programming Languages: JavaScript, HTML/CSS, C#, TypeScript, Java

Technologies: Next.js, React, NodeJS, Bootstrap, Tailwind, ASP.NET Web Forms, ASP.NET Core MVC, ASP.NET Core Rest API, ASP.NET Core Blazor, Git, Azure DevOps, OAuth

PROJECTS

Personal Blog Site (brandonleetrans.tech)

JAN 2023 – PRESENT

- Developed and deployed a dynamic personal site and Progressive Web App using Next.js, TypeScript, Tailwind CSS
- Incorporates NextAuth for secure authorization and authentication through GitHub
- Integrated external API's such as SendGrid and GitHub REST API, implemented dynamic metadata using OpenGraph with excellent Google Lighthouse scores

EDUCATION

Bachelor's of Science, Computer Science, University of Nebraska Omaha-Nebraska

DEC 2021

AWARDS AND ACCOLADES

- Gallup - Rookie of the Year 2022
- UNO Hackathon - 3rd Prize 2021