Kaiter Wu: Software Engineer

t: 516-491-7733   e: wukaiter@gmail.com   New Hyde Park,NY   LinkedIn   GitHub   Portfolio

Skills

C#,React.js, Redux, JavaScript, Python, HTML5, CSS3, Ruby, Ruby on Rails, SQL, postgreSQL, AWS, Render, Git, TFVC, Azure Devops, MS Sql Server,, Webpack, MongoDB, Mongoose, Express,Playwright,R,MATLAB,Python

Recent Experience

Software Engineer I | December 2023 - Present | **Vertafore - MGA Systems | Accounting Module**

- Contributed to the development of IMS, a proprietary software for MGAs. Utilized .NET functionality to tailor solutions for over 100 clients, managing projects using Azure DevOps, GIT, and TFVC.
- Collaborated with cross-functional teams for designing, testing, and debugging C# and SQL code. Enhanced stored procedures in Microsoft SQL Server, increasing runtimes by 50-200% for data-preprocessing.
- Created and contributed to several features for the accounting module such as CRUD of claims coverage types, APIs for banking information web services, and dynamic form overrides for reports and invoices.

Biomedical Engineer II | September 2020 - December 2022 | **Northwell Health LIJMC**

- Managed, maintained, and serviced medical technologies across different medical disciplines. Orchestrated departmental device inspections while maintaining a minimum 95% device operational rate.
- Collaborated in a multi-million dollar deployment project replacing medication infusion devices. Authored and generated data for a multi network data analytic report that investigated device failure rate. (<95%)
- Coordinated project deployments and all medical technology matters with a diverse set of staff including medical personnel, engineering, hospital management, vendors, manufacturers, and more.

Projects

What-AI-Want   live site | github

A group collaborative image generation application utilizing AI: MongoDB,Express,React/Redux,Node,AWS S3

- Customized asynchronous promise chains and leveraged React useState Hook to implement loading screen and render images generated by openAI API.
- Implemented full CRUD functionality for image preference lists, generated images, and user profiles.
- Optimized AI image generation by using pre-written API queries, simplifying using experience.

Spacebook   live site | github

A Facebook inspired application using: Ruby on Rails,React/Redux, AWS S3,PostgreSql,JavaScript,,HTML5,CSS3

- Used Redux state and user authentication,gave users the ability to edit their own components, including profile page, posts ,comments, and likes while persisting to a PostgreSQL database.
- Utilized Rails Active Record associations with posts/comments so both can interact with 'likes' polymorphically.
- Integrated AWS s3 cloud storage and Rails Active Storage to store user profile/cover photos and render reactive image preview in real time.

Education

App Academy | January 2023-April 2023 | New York, NY

In-depth Software Engineering program with focus on full stack web development and group programming.

Stony Brook University | Fall 2014 - Spring 2018 | B.E in Biomedical Engineering | Long Island, NY

Honors College (<9% acceptance rate), Presidential Scholarship, Magna Cumme Laude

Relevant Coursework: BME120: Programming Fundamentals(MATLAB), AMS 315: Data Analysis(R)