

Kaiter Wu: Software Engineer

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New Hyde Park, NY

[LinkedIn](#)

[GitHub](#)

[Portfolio](#)

Skills

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

Recent Experience

Software Engineer I | [December 2023 - Present](#) | [Vertafore - MGA Systems](#) | [Accounting Module](#)

- Created and enhanced several features for the IMS accounting module such as CRUD features for claims features, APIs for banking information web services, and dynamic form overrides for reports and invoices.
- Assisted in the development of a web service in collaboration with a third-party provider, delivering banking and payment data in XML. Contributed to the design of a dynamic SQL stored procedure leveraging complex client database logic for customized outputs.
- 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.

Biomedical Engineer II | [September 2020 - December 2022](#) | [Northwell Health LIJMC](#)

- Contributed to development of the several million dollar SURGE-B unit that acted as overflow for critical COVID-19 patients between 2020-2021. Managed technologies in said unit including infusion, EKG, and patient monitoring devices.
- Collaborated in a multi-million dollar deployment project replacing specialized infusion technology (PCA). Authored a Northwell multi network data analytic report that investigated device failure rate. (<95%)
- Managed, maintained, and serviced medical technologies across different medical disciplines. Orchestrated departmental device inspections while maintaining a minimum 95% device operational rate.

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 Scholar, Magna Cumme Laude

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