

# Kaiter Wu: Software Engineer

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[LinkedIn](#)

[GitHub](#)

[Portfolio](#)

## Summary

Engineer with 2+ years of experience developing enterprise .NET and SQL Server solutions for insurance platforms, supporting core financial, accounting, and reporting workflows. Background in Biomedical Engineering and statistical analysis.

## 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

## Recent Experience

### Software Engineer II | December 2023 - Present | Vertafore - MGA Systems(.NET/MSSQL)

- Developed and enhanced enterprise features for IMS, a distributed .NET client-server desktop platform supporting insurance accounting, claims, reporting, and policy workflows for MGA clients.
- Implemented extensible client-specific customizations using dependency injection and override-based architecture, enabling tailored functionality across 100+ MGA deployments.
- Delivered 300+ user stories spanning CRUD modules, custom WinForms UI overrides, reporting/invoicing, and regulatory data extracts, adapting solutions to diverse client requirements.
- Partnered with QA and DevOps teams to design, test, and deploy versioned .NET DLL releases and SQL Server database updates through structured CI/CD pipelines.
- Refactored and optimized legacy SQL Server stored procedures, improving query execution performance by 50–200% and reducing downstream reporting and batch processing times.

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

- Supported deployment of a critical-care SURGE unit during COVID-19, enabling overflow capacity for ICU-level patients.
- Collaborated in a multi-million dollar deployment replacing specialized infusion technology (PCA).
- Managed, maintained, and serviced technologies across multiple hospital disciplines. Orchestrated departmental inspections while maintaining a 95% equipment operational rate.

## Projects

### Spacebook

[live site](#) | [github](#)

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

- Built a Facebook-inspired social media application using Ruby on Rails, React/Redux, and PostgreSQL with full authentication and CRUD functionality.
- Implemented polymorphic "likes" and relational data modeling with ActiveRecord associations.
- Integrated AWS S3 via Active Storage to support real-time photo uploads and previews.

## Education

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

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

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

#### **Honors College, Presidential Scholar, Magna Cum Laude**

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