

Vivian Yee

(917) 808-1751 | vivianyee888@gmail.com | [linkedin.com/in/vivian-yee](https://www.linkedin.com/in/vivian-yee) | vivianmyee.com

EXPERIENCE

Software Engineer II

April 2024 – Present

Teachable

New York, NY

- Collaborating with cross-functional teams in the Growth Revenue team to strategize and implement innovative monetization initiatives, driving increase in revenue for the company as well as improving conversion rates to higher-tier paid plans for customers
- Utilizing knowledge of both Angular and React by participating in an active effort to migrate old deprecated code to a new modern separate micro-frontend service, enhancing Teachable's technical architecture
- Currently working on implementing a limit on third-party integrations, requiring users to purchase an add-on for unlimited app installations, introducing a whole new revenue stream for the company
- Developing a feature that restricts users under the free plan from selling or monetizing their courses created on the Teachable platform, encouraging upgrades to paid plans for full access to revenue generating capabilities
- Created a paywall feature using React and TypeScript to restrict users' abilities to generate automatic subtitles for videos, resulting in a \$60,000 revenue increase within the first quarter of launch

Software Engineer

June 2022 – August 2023

Rocket Mortgage

New York, NY

- Utilized TypeScript to craft three Angular web components that showcase the user's current loans, account executive, and company announcements on Rocket Mortgage's partner portal homepage, enhancing the overall user interface
- Implemented unit and end-to-end testing for Angular components and services using tools like Jasmine and Cypress
- Integrated Angular builds into a CircleCI pipeline to automate the testing and deployment process, streamlining the development lifecycle and providing a faster and more reliable deployment mechanism
- Developed a microsite that engages thousands of daily users, integrated with a WordPress CMS to simplify the content contribution process for the web application
- Contributed to the development and maintenance of the RocketProTPO website using WordPress, achieving a significant increase of 68,000 visitors in the site's monthly traffic

PROJECTS

Online Board Game

September 2023 – Present

- Currently creating a web application board game using Next.js, React, and Node.js for friends to play online
- Utilizing webhooks to enable real time updates, ensuring all players in the game contain the same seamless experience
- Managing database models and migrations using both PostgreSQL and Prisma, ensuring efficient data structuring, seamless game state and player updates, and optimized performance to support real-time multiplayer interactions

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML/CSS, Ruby, PostgreSQL

Web Development: React, Angular, Next.js, Node.js

Technologies: CMS (WordPress), CircleCI, Jest, Cypress, Jasmine, Postman, MongoDB, AWS, DataDog, New Relic

Methods: Agile Development, CI/CD, Git Version Control, Unit Testing, UX/UI Responsive Design

EDUCATION

B.S. in Computer Science and Applied Mathematics and Statistics: GPA: 3.57/4.0

Stony Brook University

New York, NY