

WILLIAM YU

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PERSONAL STATEMENT

I am a passionate and dedicated full stack developer with experience in frontend and backend technologies such as JavaScript, ReactJS, NodeJS, Ruby, Sinatra, Rails, BootStrap, Material-UI and Git. As a chemical engineering graduate, I have well immersed myself in mathematics, physics, engineering and problem solving. I am eager to learn new technologies as well as applying my skill set in becoming a resourceful and strong asset to a team.

TECHNICAL SKILLS

- Proficient in **JavaScript, ReactJS, Ruby, Rails, HTML, CSS, BootStrap, Material-UI, SQL, Git, Github**
- Extensive use of both Windows and Mac environments

PROJECTS

Bot.io - [Github](#) | [Site](#) | [version1](#)

Bot.io is a ecommerce web application where users can purchase bots. Users can sign up, login, add and delete items from their carts, as well as add and delete reviews for each bot in the store.

Technologies used: *React, Ruby on Rails, JavaScript, Material-UI, HTML*

- Created and maintained SQL database with data about each bot in a store leveraging Faker gem.
- Stored user login, bot reviews and cart information utilizing Rails backend.
- Implemented full CRUD functionality and routes with Rails and Restful API calls with React.

WhatsUpp - [Github](#) | [Site](#)

Inspired by the popular chat app, WhatsApp, WhatsUpp is a web application focusing primarily on group chats. Users can sign up, login, join a chatroom, and send and receive messages in real time.

Technologies used: *React, JavaScript, Ruby on Rails, Action Cable, web sockets, SQL, CSS, HTML*

- Successfully implemented action cable and web sockets for real time chat functionality.
- Maintained users, user messages and chat rooms with Rails Active Records.
- Leveraged JWT authentication for user auto-login functionality and user login.

NYC Health Inspection - [Github](#) | [Site](#)

A web application where users can search a NYC Food establishment and see its health stats

Technologies used: *GoogleMaps API, JavaScript, BootStrap, CSS, HTML*

- Combined Google Maps API and NYC Health Inspection Database API to map out restaurant health stats
- Leveraged REST API calls to Google Maps API and NYC Health Inspection API.
- Used BootStrap to build a minimalistic and clean user interface.

CorporateCleaner - [Github](#)

A web application where users can search a food ingredient and receive a list of related recipes.

Technologies used: *ReactJS, Sinatra, JavaScript, CSS, HTML.*

- Built a backend API and join-tables using Sinatra.
- Utilized ReactJS and BootStrap to create a front end user interface.

EDUCATION

Flatiron School *Full Stack Software Engineering Boot Camp, JavaScript/React and Ruby on Rails* | NewYork, NY
Jan 2022 – May 2022

NYU Tandon School of Engineering *Bachelor of Science in Chemical Engineering* | NewYork, NY May 2017