

Yoonsung Kim

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SOFTWARE ENGINEER

Experienced in Ruby on Rails and JavaScript based programming and a background in the IT field as an IT technician supporting NYC Department of Education. Develops solutions for technical issues using creativity and problem solving skills that help tech companies' constant growth.

TECHNICAL SKILLS

JavaScript, React, HTML, CSS, Ruby, Ruby On Rails, SQL

TECHNICAL PROJECTS

GDWatcher - [Github](#) | [Demo](#)

A video game deals application that provides details and links to video game deals throughout third-party online stores.

- Furnished RESTful API to perform HTTP methods. which allows users to make real-time changes to the backend database from client-side.
- Reinforced account security by implementing sessions methods in the Rails backend.
- Built a backend database with PostgreSQL to construct an object-relational database that improves backend productivity.
- Refined user interface using one of the popular JavaScript based frameworks, React.JS, to provide better navigation and experience for users.

Bloggy - [Github](#) | [Demo](#)

A blogging web application featuring create, read, update, and delete actions for users to view and make changes to their posts.

- Designed a validation system to ensure that valid information is accepted to update the database.
- Utilized PostgreSQL database to store users' credentials and their blog posts.
- Formulated relationships between different tables within the database to create an object-relational database.
- Introduced a CSS framework called Bootstrap to increase productivity in designing user interfaces.

EZ-Weather - [Github](#) | [Demo](#)

SPA featuring weather data with real-time updates, clothing recommendations, and responsive interface.

- Showcased an interactive user interface using HTML and CSS.
- Demonstrated a responsive background that changes depending on the user's query to provide better experience for users.
- Programmed a basic function to send an API request to OpenWeatherAPI for real-time weather data based on users' request.
- Applied validation methods to anticipate users' errors on making incorrect requests to the API.

EXPERIENCE

Flatiron School

Software Engineering Student

New York, NY

08/2021 - 08/2022

- Trained in various programming languages including HTML, CSS, JavaScript, Ruby, Rails.
- Worked on projects involving both front-end and back-end that involved CRUD and RESTful methods.

Research Foundation of CUNY

NYC Department of Education IT Tech Intern

New York, NY

10/2021 - 06/2022

- Oversaw hardware, software and networking component monitoring, testing, and installation to assist maintenance and migration.
- Managed daily maintenance of 100+ laptops and Macs by updating software and maintaining physical hardware.
- Resolved service requests by individually troubleshooting and addressing user issues.
- Replaced manual procedure of updating student database by introducing a PowerShell program to increase time efficiency by 100%.

EDUCATION

Flatiron School

Full Stack Web Development, Ruby on Rails and JavaScript program

New York, NY

08/2022

CUNY Baruch College

Bachelor of Business Administration in Computer Information Systems

New York, NY

06/2021