

Moonjoo Kim | Software Engineer

As a software engineer with a fervent enthusiasm for learning, I am committed to using my technical skills to build web applications with APIs that improve users' quality of life. My positive, collaborative personality allows me to bring fresh perspectives and enthusiasm to every project, while devising inventive solutions that exceed expectations.

Technical Skills

Languages - JavaScript, TypeScript, HTML5, CSS3, Python, PHP, SQL, Mongo, JSON

Database - MySQL, Postgresql, MongoDB | **Other** - RESTful Routing, JSON api, Git, AWS, Heroku, WordPress

Libraries, Frameworks, and Platforms - React, React Native, Node.js, Next.js, Express.js, Django, Jquery, Tailwind CSS

Interpersonal Skills - Highly collaborative, problem solving, organizational, strong communicator, project management

Software Development Projects

[Summar-ai](#) | React.js, Tailwind CSS, Redux, Vite, Rapid API ([Frontend](#))

06/2023

Article summarizer application using OpenAI's ChatGPT model API from RapidAPI

- Setup **ReactJS** project using **Vite**.
- Made advance **Redux Toolkit** query API requests.
- Implemented **copy to clipboard** functionality and **saving history** using local storage.
- Created responsive design using **Tailwind CSS**.

[Pineapple](#) | Next.js, MongoDB, AWS, Stripe ([Frontend/Admin](#))

05/2023

Apple clone e-commerce application with admin dashboard and full CRUD functionality.

- Made successful user authentication using **NextAuth.js** allowing admin to login using their Google account.
- Made **RESTful API** fetch calls to backend built with **Nextjs** and **MongoDB** handling all create, read, update, delete (CRUD) operations.
- Created multiple models (products, categories, orders) and related them using **MongoDB**.
- Styled the admin dashboard with **Tailwind CSS** and the ecommerce website with plain **CSS**.
- Used **AWS (Amazon Web Services) S3 Bucket** to hold the images the admin uploads.

[Stackbook](#) | MERN Stack ([Frontend/Backend](#))

04/2023

Responsive full-stack social media group project that lets users create, delete, edit, and like posts using React.js.

- Made **RESTful API** fetch calls to an **Express, MongoDB, Node.js** backend with two models handling all create, read, update, delete (CRUD) operations, and tested all backend routes during development using **Postman**.
- Made successful user authentication using **JWT token, Bcrypt, and react-router** to allow users to register and login.
- Created the frontend using **React.js** and **Axios** to make API fetch calls.
- Collaborated with a fellow software engineer on **GitHub**, utilizing multiple branches and making pull requests.

[CookBook](#) | Python, Django, Postgresql, React.js ([Frontend/Backend](#))

04/2023

Full-stack group project that lets users register, login, and share recipes.

- Made **RESTful API** fetch calls to backend built with **Django** and **Postgresql** handling all create, read, update, delete (CRUD) operations, and tested all backend routes during development using **Postman**.
- Made successful user authentication using built in **Django** user model to allow users to register and login to post and see recipes.
- Created the frontend using **React.js, Axios, and React-Router**.
- Collaborated with two other fellow software engineers on **GitHub**, utilizing multiple branches and making pull requests.

Professional Experience

5th Grade Instructor - Zenith Academy | Remote

09/2022 - 05/2023

- Delivered virtual instruction to a class of 5th grade students in reading, writing, and math via Zoom, using a variety of instructional strategies and tools to engage students in active learning.
- Incorporated technology and multimedia resources, such as interactive whiteboards and educational apps, to enhance the learning experience for students.
- Demonstrated a strong commitment to student success, and to creating a safe and welcoming learning environment that inspires a love of learning in all students.

Research Assistant - Applied Metabolism and Physiology Research Lab | New Brunswick, NJ

02/2022 - 05/2022

- Maintained accurate and detail-oriented records of experimental procedures, data, and results using laboratory information management systems and spreadsheets for 50 participants during this internship.
- Supervised exercise sessions for study participants, ensuring that exercise protocols were properly implemented.
- Fostered a comfortable and supportive environment for study participants by engaging in small-talk and building rapport, which helped to reduce stress and anxiety.

EDUCATION

General Assembly | Remote

02/2023 - 05/2023

Software Engineering Immersive

Full-stack software engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

Rutgers University | New Brunswick, New Jersey

Graduation: May 2022

Bachelor of Science - Kinesiology