

# Kevin Choi

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## 🧠 SKILLS

**Programming Languages:** Python, JavaScript, TypeScript, SQL | **Frameworks:** Flask, React, NextJs, Material UI, Bootstrap, TailWind CSS, SQLAlchemy, React Context | **Tools:** Git, Render, Object Oriented Programming, Object Relational Mapping | **Non-technical Skill:** Clear communication, teamwork, problem-solving, time management, adaptability, self-motivation, attention to detail, and organizational skills.

## 📄 PROFILE

Transitioning from the mortgage industry, I found my passion for coding and pursued full-stack development. As a recent Flatiron School graduate, I've honed my skills in Python, Flask, JavaScript, and React. I love solving problems and creating user-friendly applications, and I'm excited to bring my unique perspective and dedication to a full-stack development role.

## 📁 PROFESSIONAL EXPERIENCE

### Software Developer, Self-Employed

Mar 2024 – present  
Remote, United States

- **Designed and developed** a full-stack website for Gom Shabu restaurant using **React, JavaScript, Python**, and **Flask** to enhance online presence and customer engagement.
- **Implemented RESTful APIs** with Flask to handle data flow between the front-end and back-end, facilitating real-time updates for restaurant menus and customer orders.
- **Integrated a responsive user interface** with React and Material UI, ensuring mobile-friendly design and smooth user interactions.
- **Deployed and maintained** application on cloud platforms (Heroku) ensuring uptime and seamless UX.

### Guidance Residential LLC, Post-Closer

Jan 2021 – Mar 2024  
Reston, Virginia

- **Conducted loan reviews** to ensure compliance with policies and procedures.
- **Ensured data accuracy** and integrity for critical customer and portfolio terms, reducing errors.
- **Audited loan documents** to verify correct disclosure of APR, interest rates, and payment terms.
- **Collaborated with investors** to address documentation discrepancies and clear loan conditions for approval.

## 📁 TECHNICAL PROJECTS

### Responsive Portfolio Website, Showcasing Technical Expertise with Modern Web Development Tools

- **Designed and developed** a fully **responsive portfolio website** using **React, Next.js, TypeScript**, and **Tailwind CSS**, effectively showcasing **projects** and **technical expertise**.
- **Leveraged TypeScript** for **type-safe development**, enhancing **code maintainability**, minimizing **runtime errors**, and improving overall **developer efficiency**.
- **Utilized Next.js** to implement **server-side rendering (SSR)** and **static site generation (SSG)**, boosting **SEO** performance
- **Incorporated Tailwind CSS** for **rapid prototyping** and **customizable styling**, delivering a modern, user-friendly interface aligned with **UI/UX best practices**.
- **Optimized for responsive design**, ensuring seamless performance and usability across various **devices, browsers**, and **screen sizes**.

### SafeBites, Dietary-Focused Recipe and Restaurant Finder 🌐

- **Developed a full-stack web application, SafeBites**, using **Flask, Python, React, Material UI**, and **JavaScript**, enabling users to search for restaurants and recipes based on dietary restrictions.
- **Integrated third-party APIs** such as **Spoonacular API** and **Yelp Fusion API** to provide real-time, personalized restaurant and recipe recommendations.
- **Implemented Flask RESTful APIs** to streamline **backend communication** and **manage** API routing efficiently.
- **Utilized bcrypt** for **secure user authentication**, ensuring password **hashing** and validation on the backend.
- **Incorporated Formik and Yup** for robust client-side **form validation**, ensuring data integrity and accurate user input.
- **Designed responsive, cross-device UI components** using **Material UI**, enhancing user experience with a clean, intuitive interface.

### Skill-share Platform, Collaborative Project and Role Management Platform 🌐

- **Developed a web application** for managing **accounts, projects**, and **roles** using **Python, SQLAlchemy, JavaScript**, and **React**.
- **Integrated secure user authentication** with **bcrypt** for **password protection**.
- **Implemented CRUD functionality** for user accounts and projects, facilitating **role management**.
- Enhanced **form validation** with **Formik** for real-time feedback and error handling.
- **Optimized database interactions** with **SQLAlchemy** for efficient **data management**.

## 🎓 EDUCATION

Full Stack Software Engineering, Flatiron School 🌐

Jul 2023 – Aug 2024

Information System, AAS