# Herman Remington

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## JUNIOR SOFTWARE ENGINEER

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Experienced in Python with Flask and JavaScript-based programming, with a background in developing full-stack applications and API integration. Possess strong team-building and project management skills that help startups and tech-driven organizations streamline their development processes, leading to faster deployment and enhanced product quality. Passionate about designing intuitive user experiences and building scalable back-end architectures for web and mobile applications.

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## TECHNICAL SKILLS

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- **Languages**: Python, JavaScript, SQL, HTML, CSS
- **Frameworks/Libraries**: Flask, React.js, Bootstrap, SQLAlchemy, jQuery
- **Tools**: Git, Postman, Docker, Heroku, Netlify
- **Databases**: PostgreSQL, SQLite
- **Authentication**: JSON Web Tokens (JWT), OAuth
- **Other Skills**: UX/UI Design, RESTful API Development

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## TECHNICAL PROJECTS

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**Herbal Remedy App** - Github | Demo
A full-stack web app built to help users find herbal remedies, save favorites and leave reviews.

- Implemented JWT-based authentication for user sign-up/login, enabling secure session handling.
- Designed and integrated a PostgreSQL database to store user data, remedies, reviews, and ratings.
- Built dynamic front end using React.js and Bootstrap, enhancing user experience through search and filter functionalities.
- Developed Flask API to handle CRUD operations for remedies, reviews, and user data, tested with Postman.

**Recipe Room App** - Github | Demo
An app to display recipe details and allow users to add, edit, delete, and comment on recipes.

- **Backend**: Built with **Flask**, the app exposes RESTful APIs to handle operations like fetching, creating, updating, and deleting recipe data.
- **Frontend**: The user interface is developed using **React**, leveraging state management to display recipe listings and manage user interactions (such as adding, editing, and commenting on recipes).
- **Database Design**: Designed and implemented the database schema using **SQLAlchemy**, efficiently managing user profiles, recipe data, and payment histories.
- Designed a database schema with SQLAlchemy to manage user profiles, bookings, and payment histories.

**Personal Budget Manager** - Github | Demo
A Python application that assists users in managing their finances by allocating salary to personal needs, savings, debt repayment, and investments.

- Developed a budget calculator using Python, allowing users to input their salary and receive automatic allocation.
- Built a feature to generate a yearly summary of savings and investments, keeping users motivated.
- Implemented error handling for better user experience when invalid inputs are detected.

## EXPERIENCE

**Flatiron School Projects Remote**
**Full-Stack Developer (Intern)** 06/2024 - 12/2024

- Built and deployed applications using Flask and React, gaining hands-on experience with the full development cycle.
- Participated in code reviews and peer feedback sessions, improving overall code quality and project outcomes.
- Developed multiple full-stack applications for clients, focusing on web app functionality and user-friendly interfaces.
- Collaborated with cross-functional teams to deliver products, improving project delivery times by 30%.
- Managed API integrations and database optimizations, resulting in more responsive applications.

## EDUCATION

**Flatiron School** Remote
Full Stack Web Development, Python with Flask and JavaScript Program 06/2024 - 12/2024