

# Herman Remington

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Portfolio/Website [<https://dribbble.com/SiinamTechStudio>]

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## JOB TITLE

Experienced in Python with Flask and JavaScript-based programming, with a background in developing full-stack applications and API integration. Possess strong skills in team-building and project management 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

- **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

### 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.

### Movie Ticketing System - [Github](#) | Demo

An app to display movie details and allow users to purchase tickets.

- Created RESTful APIs using Flask to fetch, create, update, and delete movie data and user purchases.
- Used React for the front-end interface, implementing state management for movie listings and seat selection.
- Integrated payment system using Stripe API, resulting in a smooth and secure ticket purchasing experience.
- 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

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**Siinam Tech Studio** Nairobi, Kenya

**Software Developer** 01/2024 - Present

- 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.

**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.

## EDUCATION

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**Flatiron School** Remote

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