Herman Remington

Nairobi, Kenya | 0725325915 | siinamtechstudio@gmail.com
[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

CAREER SUMMARY

Junior Software Engineer skilled in Python (Flask) and JavaScript, specializing in developing robust full-stack applications. Experienced in API integration, database design, and creating scalable, user-friendly interfaces. Passionate about solving complex problems, streamlining development processes, and enhancing user experience. Proven ability to work in collaborative environments and deliver results-driven solutions.

TECH SKILLS

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

WORK EXPERIENCE

Flatiron School Projects – *Remote*
Full-Stack Developer (Intern)
June 2024 – December 2024

- Delivered dynamic full-stack applications using Flask for backend and React for frontend.
- Spearheaded API integrations and database schema optimization, enhancing app responsiveness by 25%.
- Collaborated with diverse teams, improving project delivery timelines by 30%.
- Conducted code reviews, increasing code quality and team efficiency.
- Developed user-centric web apps with a focus on intuitive interfaces and seamless functionality.

TECH PROJECTS

E-commerce Store

[GitHub](#) | [Demo](#)

- Developed a full-stack e-commerce platform using **React** for the frontend and **Node.js/Express** for the backend.
- Integrated **MongoDB** for database management and hosted product images on **Cloudinary** for efficient delivery.
- Implemented user authentication and authorization to secure routes and provide tailored user experiences.
- Added **Stripe** for seamless payment processing, enhancing user convenience and trust.
- Built an admin dashboard featuring tools to:
  - Add products to the store.
  - View site analytics, including sales data, user numbers, and products sold.
  - Feature products for promotional purposes.
- Designed and optimized APIs to handle cart functionality, user management, and product operations.
- Focused on a responsive and intuitive UI, ensuring a smooth shopping experience for users.

EduLearn Education Platform

[GitHub](#) | [Demo](#)

- Developed a full-stack educational platform using React for the frontend and Flask with PostgreSQL for the backend.
- Designed a secure user authentication system with JWT, ensuring safe login sessions and user-specific data.
- Built backend routes to manage user accounts, course listings, and reviews, enabling seamless user interaction with the platform.
- Integrated PostgreSQL for data storage, allowing efficient management of user data, courses, and reviews.
- Developed a dynamic and responsive UI with React.js and Bootstrap, optimizing for both desktop and mobile experiences.
- Implemented a robust course search and filter system, enhancing the user's ability to discover relevant content.
- Thoroughly tested backend functionality using Postman, ensuring smooth integration and API reliability.
- Focused on creating an intuitive interface that simplifies course browsing, with an emphasis on user engagement and ease of use.

Personal Budget Manager

GitHub | Demo

- Built a Python-based budgeting tool to assist users in salary allocation.
- Introduced a yearly summary feature, showcasing savings and investments.
- Enhanced user experience with error handling for invalid inputs.

EDUCATION

Flatiron School – *Remote*
Full Stack Web Development Program: Python with Flask and JavaScript
June 2024 – December 2024

ACHIEVEMENTS & IMPACT

- **Enhanced Team Efficiency:** Improved project delivery times by optimizing workflows and leading peer feedback sessions.
- **Optimized Application Responsiveness:** Achieved a 25% improvement through advanced API integrations and database optimizations.
- **Delivered Client Solutions:** Successfully developed and deployed multiple full-stack applications tailored to client needs.