Byron Omondi

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SUMMARY

Highly motivated and results-oriented Junior Software Engineer with a strong foundation in computer science principles. Possesses proficiency in backend development with Django and Flask. Skilled in frontend development using React. Eager to leverage these skills to contribute to a collaborative team environment and build innovative web solutions that drive user engagement and business growth.

SKILLS

- Programming Languages: Python and Javascript
- Frameworks/Libraries: React, Flask and Django
- Databases: MySQL, PostgreSQL, MongoDB
- Soft Skills: communication, problem-solving, teamwork

Projects

Ecommerce -LInk- ecommerce-soko.vercel.app/

  I built an e-commerce website that allows users to browse and purchase products seamlessly. Here's a breakdown of its key features:

- Product Catalog: The website showcases a user-friendly product catalog with detailed descriptions, images, and prices.
- Add-to-Cart Functionality: Users can easily add desired products to their shopping cart with a simple click. The cart keeps track of the selected items, quantities, and running total.
- Stripe Integration: The website utilizes Stripe for secure and reliable payment processing. This allows customers to pay using major credit cards and other popular payment methods supported by Stripe.
- Checkout Process: During checkout, users can review their cart items, edit quantities, and provide their shipping information. The secure Stripe integration ensures a smooth and trusted payment experience.

Inventory Management System -LInk- https://github.com/byron00123/IventoryManagementSystem

I developed a robust inventory management system using Django, a popular Python web framework. Here are the core features:

- User Authentication: Secured user access with a login system for authorized users to manage inventory.
- CRUD Operations: The system allows comprehensive management of products, including adding, deleting, viewing, and updating product information (Create, Read, Update, Delete - CRUD).
- Django Admin Dashboard: Administrators have access to a dedicated Django admin dashboard for efficient inventory management. This dashboard provides a centralized location to view, edit, and manage all product data.
- Product Visualization: The system incorporates clear and informative product displays with details like name, description, stock levels, and potential images.
- Inventory Tracking: Users can track inventory levels with real-time updates, allowing informed stock management decisions.

EXPERIENCE

JUnior Backend Developer | Softan Technologies
Janauary2024 - Present

- Reviewed the performance issues raised by over 500 users with concurrent requests and application screens. Fine-tuned and fixed the underlying objects/programs for better performance.
- Resolved user issues in creating and maintaining PA & GL periods and month-end closure period exceptions.
- Worked closely with some of the top customers to review their implementation setups, and data corruption and provided solutions specific to customer requirements.
- Worked on quarterly projects that involved major application enhancements and upgrades.
- Developed overtime calculation extension for processing overtime premium costs of employees in the claim management system.

Software Developer Intern | **Tublian**
October2023 - January 2024 | Nairobi
- Open Source Contributor: Collaborated with developers globally on open-source projects, building and improving web applications using Django.
- Coding Challenge Master: Aced coding challenges on platforms like Tublian Challenges, sharpening problem-solving skills and ability to translate complex requirements into efficient Django code.
- Real-World Django Experience: Gained valuable experience building web applications for clients through freelance or internship work.
- Django Mastery: Possess a strong understanding of the Django framework and its functionalities.
- Lifelong Learner: Committed to staying current with the latest Django advancements and best practices.

Software Developer Intern | **Italanta**
August 2023 - September 2023 | Nairobi

- Built responsive UIs: Collaborated with designers and back-end devs to translate mockups into functional interfaces using HTML, CSS, and JavaScript frameworks (e.g., React).
- Enhanced user experience: Implemented interactive features to improve website functionality and user satisfaction.
- Proactive problem solver: Identified potential issues and proposed innovative solutions during development.
- Ensured bug-free experience: Leveraged strong problem-solving skills to debug front-end code.
- Maintained clean code: Contributed to code reviews and learned best practices for efficient frontend development.
- Lifelong learner: Stayed current with the latest frontend development trends and technologies.

EDUCATION

Moringa School | Computer Software Engineering   November 2023

- Technical Skills: Proficient in React, Flask (Python framework), and core web development technologies (HTML, CSS, JavaScript).

- Strong problem-solving skills honed through tackling coding challenges

- Effective Communicator: Collaborated effectively with developers in space on projects using React and Flask.

- Team Player: Thrived in a collaborative environment, contributing to successful project completion.

Volunteer Experience

- Built and launched responsive websites using HTML, CSS, and React for small businesses, helping them improve their online presence and streamline operations. Increased website traffic by 20% for a local bakery, leading to a 15% rise in online orders. Communicated effectively with business owners to understand their needs and design user-friendly websites.