

Byron Omondi

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|https://github.com/byron00123 | Kenya

SUMMARY

Highly strategic and technically skilled Fullstack Engineer with a strong background in managing and building robust IT infrastructure, scalable system architectures, and high-performing applications. Over 3 years of experience leading cross-functional teams, optimizing both cloud-based and on-premise systems, and aligning technology initiatives with business growth. Skilled in managing deployments, maximizing uptime, and automating workflows across all layers of infrastructure.

SKILLS

- Cloud & Infrastructure:
GCP (Cloud Run, Pub/Sub, Storage), DigitalOcean, Render, Netlify, VPS Hosting, Server Monitoring, IAM, Backup & Recovery, Nginx, Supervisor
- DevOps & CI/CD:
GitHub Actions, CI/CD Pipelines, Zero-Downtime Deployments, Automation Scripts, Log Aggregation & Alerts
- Backend Engineering:
Python, Django, FastAPI, Flask, RESTful API Design, PostgreSQL, SQLAlchemy
- Frontend Engineering:
JavaScript, TypeScript, React, Redux, TailwindCSS, Responsive UI
- Project Management & Collaboration:
Jira, GitHub Projects, Trello, Notion, Slack, Agile/Scrum
- Soft Skills:
Technical Leadership, Strategic Thinking, Mentorship, Cross-functional Communication, Business Alignment

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/InventoryManagementSystem](https://github.com/byron00123/InventoryManagementSystem)

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

[Chief Technology Officer \(CTO\) | Dbets.co.ke](#)

April 2025 - Present | Nairobi

- Directed the strategic design and scalable architecture of core IT systems (backend & frontend), ensuring high availability and real-time performance.
- Managed the lifecycle of mission-critical IT services, including odds feeds, user wallets, bet placement, and payout processing.
- Implemented CI/CD pipelines and zero-downtime deployments, improving delivery velocity and platform reliability.
- Oversaw cloud infrastructure using VPS and GCP services, optimizing uptime and resolving incidents in coordination with vendors.
- Partnered with compliance and finance teams to enforce security protocols, responsible gaming policies, and KYC.
- Authored IT documentation for architecture, deployment playbooks, and troubleshooting workflows, supporting operational scalability.

Software Engineer & Tech Support | Tucheze.com

November 2024 - July 2025

- Delivered full-stack enhancements by identifying and resolving bugs in both frontend and backend systems, improving platform stability and user experience.
- Led deployments of system updates and features, coordinating closely with stakeholders to ensure seamless rollouts with minimal disruption.
- Integrated WhatsApp Business API for customer interaction and order management, streamlining e-commerce communication and boosting conversion rates.
- Automated key operational tasks including data syncs, server monitoring, and log aggregation—reducing manual workload and increasing system efficiency.
- Provided Tier 2 technical support to internal teams, resolving issues related to payments, orders, and platform performance.
- Managed backend infrastructure and participated in scaling efforts to handle growing user traffic and data loads.
- Authored and maintained internal technical documentation to streamline developer onboarding and reduce recurring incidents.

Backend Developer | Softan Tech

January 2024 - September 2024

- Engineered and deployed custom dashboards for farm-fresh companies, streamlining operational visibility and improving data-driven decision-making.
- Designed and developed a comprehensive driver management system for Taimba, enhancing route coordination and delivery efficiency.
- Built and integrated digital tax modules, enabling seamless synchronization with accounting platforms and ensuring accurate, compliant tax reporting.
- Integrated WhatsApp Business API into client platforms to improve customer communication, automate order workflows, and reduce response times.
- Created an overtime cost calculation engine for a claims management system, automating payroll adjustments and reducing manual errors.

Software Developer Intern | Tublian

October 2023 - January 2024 | Nairobi

- Contributed to open-source Django-based projects alongside a global developer community, focusing on backend features, bug fixes, and modular design improvements.

- Completed advanced coding challenges through the Tublii platform, strengthening algorithmic thinking and Django-specific problem-solving skills.
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- Gained hands-on experience developing and deploying Django web applications for real-world use cases in client and freelance environments.
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- Deepened expertise in Django's core components, including views, models, serializers, and admin customization.
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- Actively pursued continuous learning by staying updated with Django releases, community best practices, and open-source contributions

Software Developer Intern | Italanta

August 2023 - September 2023 | Nairobi

- Developed responsive user interfaces using React, HTML, and CSS, ensuring cross-browser compatibility and mobile-first design.
- Collaborated with backend developers and UI/UX designers to translate Figma mockups into production-ready web components.
- Implemented interactive frontend features to improve user engagement and streamline navigation across the platform.
- Debugged and optimized frontend code to reduce rendering issues and improve load performance.
- Participated in code reviews and applied best practices for clean, maintainable, and scalable frontend development.
- Actively kept up with modern frontend trends, contributing suggestions for UI improvements during sprint planning.

EDUCATION

Moringa School | Computer Software Engineering

November 2023

- Completed an intensive, full-time software engineering program focused on web development using React, Flask (Python), and modern frontend/backend technologies.
- Built multiple full-stack applications in collaborative teams, applying agile workflows and Git-based version control.
- Strengthened problem-solving skills through algorithmic challenges and real-world capstone projects.

- Gained hands-on experience working in collaborative environments with cross-functional peers, simulating real industry workflows.

Volunteer Experience

Built and launched responsive websites using HTML, CSS, and React for small businesses, improving their online presence and operational efficiency.

Helped an international recruitment agency enhance its digital platform, resulting in a 20% increase in candidate engagement and a 15% rise in successful placements.

Mentored junior developers and interns during these projects, guiding them on best practices in frontend development, Git workflows, and client communication.

Communicated directly with business owners to understand needs and deliver intuitive, user-friendly designs.