Eric Nzomo

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[LinkedIn](#)| [GitHub](#)|

Summary

Innovative and detail-oriented Frontend Developer & IT Enthusiast with a background in Computer Science and hands-on experience in web development, UI/UX design, and system design. Passionate about creating intuitive digital experiences, optimizing business processes, and solving real-world problems through technology. Analytical, adaptable, and solution-driven, with strong problem-solving skills, attention to detail, and a proactive mindset. A collaborative leader and team player, known for effective communication, strategic thinking, and the ability to drive technical excellence in fast-paced environments

WORK EXPERIENCE

Frontend Developer   August 2024 - Present
Dotsavvy Africa | Nairobi, Kenya

- **Delivered client-centric websites** using WordPress tools like Visual Composer, accelerating project delivery by 25% through reusable templates and efficient content management.
- **Integrated key plugins**, including SMTP mailers, Yoast SEO, and WPBakery Page Builder, to enhance website functionality and SEO performance.
- **Authored detailed CMS guides**, simplifying client onboarding and reducing training time by 40%.

PROJECTS

BusinessAdmin   [Preview](#)   [View in GitHub](#)

a) **Engineered an In-House ERP system** using DjangoRest,Postgres and React, enabling organizations to manage their Administrative duties effectively
b) **Implemented core features**, including Inventory Management with Stock In and Stock Out Card,Licence and Polices Management and Task Management.
c) **Enhanced Administrative transparency**, reducing discrepancies by allowing admins to know who took out a particular item from stock, when are Licences or Policies due and status of tasks within the organization

Public Transport Ticketing System   [View In GitHub](#)

a. **Developed a booking platform** using React and PHP, eliminating queuing issues for public transport users through online ticket reservations.

b. **Created dynamic search interfaces** for route discovery and admin panels for Sacco management, enabling seamless user and operator experiences.
   c. **Fostered community collaboration**, driving ongoing feature contributions and accelerating innovation.

Hospital Management System(Hosy-Sasa)   **View In GitHub**

- **Built a centralized medical records system** leveraging JavaScript, FullCalendar, and a robust SQL backend to streamline patient and doctor interactions.
- **Integrated appointment scheduling**, including rescheduling features visible to both doctors and patients in real-time.
- **Visualized critical health metrics** using a JavaScript UI library, improving diagnostic accuracy and patient engagement.

E-Parking Ticket System   **View Figma File**

- **Designed a modern system prototype** for an E-Parking Ticketing System enabling seamless electronic ticket issuance via SMS and email.
- **The Figma prototype includes:**
1. **User Dashboard**: A clean and interactive interface for managing parking history, payments, and ticket details.
2. **Admin Panel**: A feature-rich dashboard for monitoring parking Tickets, verifying payments, and managing user records.
3. **Payment Gateway**: Secure and flexible payment options supporting mobile money (M-Pesa), credit/debit cards, and digital wallets for seamless transactions.
4. **Seamless Navigation**: Well-structured sections including Home, Services, Pricing, and Contact, ensuring easy accessibility.
5. **Mobile Responsiveness**: Designed with adaptive layouts to provide a smooth experience across different screen sizes.

Volunteer Activities

Technical Lead   March 2024 - Present
The Catholic University of Eastern Africa(Innovation Hub) | Nairobi, Kenya

- **Coordinated cross-functional projects** in partnership with the Chief Technical Officer, leveraging tools such Git to streamline project delivery and implement innovative research solutions.
- **Optimized task delegation** across development teams by introducing agile workflows, reducing project turnaround time by 15%.
- **Organized and led technical sessions**, including virtual workshops with Google Developers Club, enhancing team proficiency in emerging technologies such as cybersecurity and React.

CERTIFICATIONS

International Computer Driving Licence (ICDL)
Cybersecurity Fundamentals – IBM View Credentials
Explore Emerging Tech – IBM View Credentials
Ask Questions to Make Data – Driven Decisions - Google. View Credentials
Data, Data, Everywhere - Coursera
Code the Future HTML/CSS - IBM View Credentials
Software Development - Power Learn Project

EDUCATION

BSc in Computer Science   Sep 2022 – April 2026
The Catholic University of Eastern Africa.

SKILLS

| Python | JavaScript |Java| PHP | Backend Development |Web Development| Tailwind CSS| Bootstrap | Linux | Project Management | Communication | Leadership | Time Management | Adaptability | Problem Solving | Teamwork | Creativity