VERONICA KINYUA

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GitHub-https://github.com/Veronica-geek?tab=repositories

PROFILE

Versatile developer with a Business & IT background, combining full-stack development expertise with curriculum innovation. Skilled in building web applications (React, Node.js, MySQL) and learner-centered programs. Actively contributing to mission-driven, tech-forward projects.

SKILLS & TECHNICAL EXPERTISE

- Programming & Frameworks- JavaScript, PHP, TypeScript, Node.js, React, HTML, CSS, Java, R
- Tools & Platforms- Git, MySQL, REST APIs, Firebase, WordPress
- Tech Practices- Responsive Web Design, Object-Oriented Programming (OOP), Version Control (Git), Agile Methodologies
- Professional Strengths- Curriculum Design, Instructional Design, Cross-Functional Collaboration, Project Coordination

TECHNICAL PROJECTS

Smart Climate Agriculture
Stack: Node.js, JavaScript, REST APIs
- Built a responsive web application to support farmers with climate-smart agricultural practices.
- Integrated real-time weather data using public APIs to offer localized farming tips.
- Implemented a modular architecture for future scaling and mobile optimization.
- Shortlisted at the Female Founders Hackathon (Garage48, Strathmore, GMZ) for its innovation in food security.

Taxi Booking System
Stack: PHP, TypeScript, MySQL
- Developed a full-stack taxi booking platform with decoupled front and backend repositories.
- Features included secure user authentication, dynamic fare calculation, and ride scheduling.
- Implemented MySQL-based trip and driver management with data validation protocols.
- Emphasized clean UI/UX design and scalable backend architecture.

Sports Field Booking System
Stack: PHP, JavaScript
- Created a web-based system to streamline the booking of sports fields and venues.
- Designed an interactive calendar and booking engine with admin-side approval controls.
- Focused on clean, intuitive interfaces to encourage user adoption by non-technical staff.
- Ensured database integrity and access control for multiple user roles.

Explore more projects on GitHub: github.com/Veronica-geek

PROFESSIONAL EXPERIENCE

Curriculum Coordinator – National PSBN   **Dec 2019 – Dec 2021**
- Spearheaded curriculum digitization projects, enhancing delivery efficiency by 30%.
- Introduced agile coordination practices, enabling faster content adaptation and stakeholder alignment.
- Integrated analytics into learning design to track outcomes and improve iterations.

Curriculum Developer – Heritage Dialects (Remote, U.S.)   **Jan 2022 – March 2025**

- Co-created culturally adaptive digital learning content for global audiences.
- Applied data insights and learner feedback loops to improve platform retention and engagement.
- Collaborated with dev and UX teams to ensure pedagogically sound, accessible e-learning interfaces.

IT Support Technician – Kenya Power & Lighting Company   **January 2025-April 2025**

- Supported enterprise-level IT systems with a focus on performance, uptime, and cybersecurity.
- Automated patch deployment and monitoring tasks, reducing response times by 20%.
- Delivered on-demand tech support, ensuring continuity of digital operations across departments.

Curriculum Coordinator – Windana Drug and Alcohol Recovery   **2024 – May 2025**

- Designed a modular, outcomes-based curriculum using digital tools for trauma-informed recovery.
- Developed facilitator toolkits embedded with tech-friendly formats (QRs, audio, and visual media).
- Piloted a blended learning model with measurable improvements in participant outcomes.

EDUCATION

Diploma in Business and Information Technology
Strathmore University | May 2024 -July 2025 (evening classes)

Bachelor of Education in Mathematics & Business (Incomplete due to financial constraints)
Kenyatta University | Sept 2016 – Dec 2019

Certificate in Chinese Language & Culture
Kenyatta University & Shandong Normal University | Jan 2017 – Oct 2018

High School Diploma
Gitwe Girls High School | Jan 2012 – Dec 2015