

Steve Ronald

Software Developer

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Highly skilled Software Developer with over 2 years of experience designing and implementing innovative web applications. Proficient in front-end and back-end technologies, with a strong ability to troubleshoot and solve complex technical problems. Adept at collaborating with cross-functional teams to deliver high-quality, user-friendly solutions that meet business objectives. Excels at staying current with the latest technologies and trends in the industry to continuously enhance development capabilities. Passionate about creating seamless and visually appealing digital experiences for users.

Professional Experience

Software Developer

Moi University, Eldoret, Kenya

Software Developer experienced in building end-to-end web solutions across frontend, backend, and databases. Skilled in React, PHP, HTML/CSS, MySQL, and MongoDB. Efficient in using AI tools to accelerate development, automate repetitive tasks, improve documentation, and enhance product quality. Passionate about clean code, user-centered design, and scalable systems. Strong problem-solver with the ability to turn complex challenges into practical, reliable solutions.

Database Manager — Kenya National Archives & Documentation Services

May 2024 – August 2024 (4 months)

Nairobi County, Kenya

- Managed and optimized databases for secure storage and fast retrieval.
- Improved data structures, indexing, and archival processes.
- Leveraged AI for data cleaning and documentation improvements.

Technologies: MySQL, SQL Scripts, Data Backup Tools, AI Tools

Education

Degree in BSc. Informatics September 2022 - Present

Moi University at Eldoret

- Currently pursuing a Bachelor of Science degree in Informatics, with a focus on understanding the intersection of technology, information systems, and business processes. Developed a strong foundation in programming languages such as Python, PHP and SQL, as well as expertise in data management, software development, and web technologies.
 - Actively Participating in internships and extracurricular activities to enhance practical skills and industry knowledge. Collaborating with multidisciplinary teams to develop innovative software solutions, working closely with stakeholders to understand requirements and deliver user-friendly applications that meet business objectives.
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Key Skills

- **Frontend:** HTML, CSS, JavaScript, React
- **Backend:** Python, PHP, REST APIs
- **Databases:** MySQL, MongoDB, Database Design, Database Administration
- **DevOps:** Git/GitHub

- **AI Skills:** AI-assisted development (coding, debugging, optimization)
Prompt engineering AI-based automation & content generation AI-driven image and text processing Other: Documentation, WordPress, UI/UX, System Architecture
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Projects

1. KukuSoko AI-Driven Solution — Founder & System Developer (2025)

Problem: Poultry Farmers struggled with limited Access to Market despite their hard work, inconsistent descriptions and poor online visibility for poultry products.

Solution: Developed a platform with AI-powered image detection and automatic product description generation.

Impact: Standardized listings, improved trust, reduced farmers workload, and enhanced buyer experience.

Technologies: React, PHP, MySQL, AI APIs, Image Processing, Git

2. CodeCraftAcademy Blog & Personal Brand (2025)

Problem: Developers needed simple, relatable content to follow a real learning journey.

Solution: Built a professional tech blog and created consistent, storytelling-style content.

Impact: Increased visibility, improved audience engagement, and created a foundation for monetization.

Technologies: HTML/CSS, REACT, SEO, Canva, AI Content Tools
link: <https://codecraftacademy.vercel.app/>

3. Kenya National Archives — Database Optimization (2024)

Problem: Slow data access and inconsistency within archival records.

Solution: Restructured databases, optimized indexing, and applied best practices for data accuracy.

Impact: Faster retrieval, fewer errors, and improved reliability.

Technologies: MySQL, SQL Scripts, Backups, AI Assistance

Strengths

- Fast learner with strong research skills
- Excellent communication & documentation
- Problem-solving mindset
- Ability to build systems from scratch
- User-centered development approach
- Strong understanding of AI-assisted development

Hobbies

- Exploring AI tools & automation
 - Blogging and tech content creation
 - Coding personal projects
 - Learning new frameworks
 - Watching documentaries
 - Community and tech events
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