Stephen Nene
Software Developer

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Dedicated and adaptable IT professional with 3+ years of experience delivering solutions across software development, IT support, and cybersecurity tasks. Proven ability to thrive in high-pressure, time-sensitive environments, with a strong grasp of technologies like Python, JavaScript, Ruby, Rust, and systems administration tools. Passionate about innovation, digital security, and building resilient systems, I bring a mix of freelance, startup, and enterprise experience backed by practical projects, formal education, and hands-on certifications.

Experience

Tyne IT Africa Consulting – Software Developer
(Oct 2024 – Present, Full-time)
- Developed modular front-end features using React, improving user interface responsiveness and maintainability.
- Contributed to backend services using Python and Node.js, enhancing data flow and API reliability.
- Participated in agile sprints, using Git and GitHub for version control and collaborative development.
- Reviewed code and conducted testing sessions, reducing bugs and improving codebase quality.
- Helped clarify client requirements during planning sessions, ensuring better delivery alignment.

QuickMart Supermarket - IT General Asssistant
May 2024 – Oct 2024 | Full-time
- Designed and implemented a system to display discounted products, improving in-store customer awareness and boosting engagement.
- Maintained and verified product pricing and scanning accuracy across POS terminals, reducing billing errors.
- Supported IT operations, troubleshooting hardware and software issues to ensure smooth supermarket workflows.
- Collaborated with store and tech teams to align technical solutions with operational needs.

Freelance Developer - *Remote*
2023 – Present | Part-time / Contract
- Delivered full-stack websites for local and global clients (Upwork, Indeed), enhancing brand visibility and lead generation.
- Set up Google Business Profiles and basic SEO strategies for small businesses to build online presence.
- Trained AI models (ChatGPT, Bard) via Remotasks, contributing to improved natural language understanding.
- Created graphic materials (flyers, posters) and MVPs for startups, helping validate ideas and launch quickly.

MarkDairyFresh - Software Developer
2021 – 2023 | Contract
- Developed a SaaS platform to manage milk order records and improve order tracking efficiency.
- Independently designed the company's updated website interface, increasing usability and visual clarity.
- Proposed a tech-driven milk collection process to streamline logistics (implementation paused due to budget).
- Delivered working prototypes that improved management's visibility into order trends and customer behavior.

Education

Open University of Kenya (OUK) | 2023 – Ongoing
Bachelor of Science in Cybersecurity & Forensics
- Gaining practical and theoretical knowledge in digital security and forensic analysis
- Coursework : Ethical Hacking, Digital Forensics, Network Security, System Vulnerability Management
- Building a strong foundation in both defensive and offensive cybersecurity techniques
- Applying security principles to real-world IT systems and networks

ALX *April 2023 – Dec 2024*
Associates degree in software engineering
- Hands-on experience in full-stack development using JavaScript, Node.js, and Python
- Trained in agile methodologies, collaborative development, and continuous integration
- Developed technical problem-solving and critical thinking skills through high-pressure sprint projects
- Learned to build production-ready applications and debug complex systems in team environments

Moringa School *sep 2022- march 2023*
Diploma in software engineering
- Focused on building web applications using JavaScript, Ruby on Rails, HTML, and CSS
- Developed strong skills in pair programming, version control, and API integration
- Strengthened research and self-learning skills through hands-on coursework and group projects
- Participated in code reviews and agile development cycles

St. Joseph's High School
Kenya Certificate of Secondary Education (KCSE) – A– (2021)
- Demonstrated early leadership as a member of the Presidential Award Club and the Student Council
- Participated in science fairs, computer club, and debate competitions, fostering a strong analytical and technical foundation
- Developed public speaking, discipline, and organizational skills that continue to support professional work

Certifications

Quantum Computing

System Admin

Technical Support

TryHackMe CyberAdvent

Quantum Computing

Google IT Support

Azure AI Services

Networking

Skills

- **Languages:** Python, JavaScript, Ruby, Rust, Bash
- **Web Development:** HTML, CSS, React, Node.js, Express, Ruby on Rails
- **DevOps / SysAdmin:** Linux, Networking, Git, Azure, Google Cloud , CLI tools
- **Cybersecurity:** TryHackMe Labs, Digital Forensics (OUK), Networking fundamentals
- **Tools:** GitHub, Figma, Vercel, Docker, Google Workspace, VSCode, Trello
- **Soft Skills:** Problem-solving, Critical Thinking, Time Management, Team Collaboration