

Cyrus Mwendwa

Full-Stack Software Engineer

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Profile Summary

Full-Stack Software Developer with 2+ years of hands-on experience building scalable web applications using modern frameworks including Laravel (TALL Stack), Django, and FastAPI. Expert in PHP and Python development with proven ability to architect and deploy containerized applications using Docker on Linux environments. Demonstrated leadership in technical communities, mentoring developers, and delivering production-ready solutions with monolithic architectures, robust database design, RESTful APIs, and Azure cloud deployment.

Work Experience

Website Developer — Cynop Engineering Solutions (Kitengela, Kenya) | <https://cynopengineering.com> Jun 2024 - Dec 2025

- Designed, developed, and maintained the company's official corporate platform and e-commerce store, improving usability, performance, and cross-device responsiveness.
- Developed internal systems including inventory management, product catalogs, quotation workflows, and reporting tools with role-based access control.
- Built systems using PHP, Laravel, Tailwind CSS, Alpine.js, and MySQL, deployed to Linux VPS production environments.

Website Development Intern — Zetech University (Ruiru, Kenya) Jun 2023 - Sep 2023

- Developed and maintained dynamic web applications using HTML, CSS, JavaScript, Bootstrap, PHP, and MySQL.
- Collaborated with cross-functional teams to design and implement user-friendly interfaces that improved user engagement by 30%.
- Conducted code reviews and ensured adherence to web security best practices and agile sprint workflows.

Projects

Cynop Engineering Solutions — Corporate Platform | Live: <https://cynopengineering.com/> 2024 - 2025

- Tech Stack:** PHP, Laravel, Tailwind CSS, Alpine.js, MySQL, Nginx, Linux
- Information Architecture for Complex Engineering Services:**
- Performance & Mobile Responsiveness in Low-Bandwidth Environments:**
- High-Conversion Quote Request Pipeline:**

Cynop Engineering Store — Industrial E-Commerce Platform | Live: <https://shop.cynopengineering.com/> 2024 - 2025

- Tech Stack:** PHP, Laravel, WooCommerce API, MySQL, Tailwind CSS, Alpine.js
- Industrial & Home Automation:** Smart relays, programmable logic controllers (PLCs), optical sensors, timers, and smart switches.
- Security & Surveillance:** Night-vision HD IP cameras, biometrics, access control readers, and alarm transmitters.
- Power & Electrical Machinery:** Electric motors, transformers, transducers, and power backups.

AgriAI - Smart Farming Platform | GitHub: <https://github.com/cyrus-48/agriai> 2025

- Tech Stack:** PHP, Laravel, Livewire, MySQL, Tailwind CSS, AI
- Full-Stack Platform:** Built with Laravel, Livewire, AI modules, MySQL, and Tailwind CSS.
- Access Control & Telemetry:** Implemented user authentication, role-based access control, and telemetry tracking.
- Real-Time Data Analytics:** Automated batch analysis of sensor data to deliver actionable farming insights.

Technical Skills

Cloud & DevOps: Docker, Microsoft Azure, Linux, Git & GitHub
Databases & Caching: MySQL, PostgreSQL, SQLite, Redis
Backend & Languages: PHP, Python, Laravel (TALL Stack), Django, FastAPI
Frontend & UI: Tailwind CSS, Vue.js, JavaScript, HTML5 / CSS3, Bootstrap
CMS & E-Commerce: WordPress, WooCommerce, Shopify

Education

Kibabii University, Kenya Kenya
Bachelor of Science (Computer Science) • **Coursework:** Systems, Cloud, Algorithms & Web Dev Sep 2020 - Apr 2024

Leadership & Community

- Beta Microsoft Learn Student Ambassador (Microsoft | Aug 2022 - Aug 2024):** Organized technical cloud events impacting 500+ students worldwide; delivered Azure presentations.
- GDSC Web Development Lead (Kibabii University | Sep 2022 - Nov 2024):** Led 50+ students in Python and PHP workshops, Docker containerization, and Linux servers.