

# John Paul Nyunja

## Full Stack / GoLang Developer

[Nyunja.jp@gmail.com](mailto:Nyunja.jp@gmail.com) | Kisumu, Kenya | +254713588004

[LinkedIn.com/in/nyunja](https://LinkedIn.com/in/nyunja) | [GitHub.com/nyunja](https://GitHub.com/nyunja)

## Professional Summary

Innovative GoLang Developer with strong experience designing and deploying scalable web and SaaS solutions. Proven record of building high-performance backends, optimizing APIs, and leading cross-functional development projects. Passionate about Go microservices, cloud deployment, and mentoring developers to maintain high coding standards.

## Core Skills / Tech Stack

Languages: Go (Golang), JavaScript, TypeScript, SQL

Frameworks & Tools: React, Next.js, Docker, Redis, PostgreSQL, Tailwind CSS

Architecture: Microservices, REST APIs, Multi-tenant SaaS, MVC

Cloud & DevOps: Render, Vercel, Truehost, GitHub Actions, Containerization

Practices: CI/CD, API Design, Code Review, Documentation, Agile Development

Other: Email & SMS Integrations (Zoho, Brevo, Twilio), Data Scraping, PDF Parsing, Data Automation

## Professional Experience

### Full-Stack Developer & System Architect - Nexveria Solutions

- Developed RentZizi — Property Management SaaS Platform, a scalable multi-tenant system using GoLang, PostgreSQL, and Next.js, improving property management workflows.
- Integrated WhatsApp automation for rent reminders using Twilio and local providers.
- Implemented JWT authentication and analytics dashboards with real-time data updates.
- Deployed on Render using Docker; improved tenant communication efficiency by 40%.

### Software Developer - Zone01 Kisumu

- Designed and implemented 5+ web applications and 10+ CLI tools using GoLang and Next.js, improving team productivity and delivery speed.
- Optimized C4.5 decision tree algorithm runtime by 50% through concurrency and goroutine refactoring.
- Developed RESTful APIs and backend microservices handling user management, authentication, and analytics.
- Mentored 20+ peers in GoLang best practices, version control, and algorithmic thinking.
- Led code reviews and introduced continuous integration pipelines, improving deployment reliability.

### Customer Experience Representative - Syncfusion

- Managed 1,000+ enterprise accounts, coordinating technical onboarding and post-deployment support.
- Achieved 90% issue resolution rate through systematic troubleshooting and user education.
- Contributed to 90% retention by improving customer experience through better documentation and communication.

## Research Assistant - Jaramogi Oginga Odinga University of Science and Technology (JOOUST)

- Processed and analyzed data from 300+ research participants, enhancing data-driven reporting.
- Designed and automated collection workflows, reducing manual errors by 30%.
- Presented analytical findings weekly to academic supervisors for COVID-19 studies.

## Personal Projects

FityBudget (Go, React, PostgreSQL, Gemini AI): [fity-budget.vercel.app](https://fity-budget.vercel.app)

- Developing a modular backend using Clean Architecture (Service/Repository layers) to ensure high maintainability and testability.
- Automating budget alerts, multi-wallet tracking, and progress visualization for savings goals.
- Implementing secure data handling with JWT authentication, soft deletes for data recovery, and input validation via go-playground/validator.

RentBase (Go, Next.js, PostgreSQL, Docker): [rentzizi.top](https://rentzizi.top)

- Built a secure property management MVP with features for tenant onboarding, lease tracking, and automated payment history.
- Utilized sqllc for high-performance database interactions and S3 for cloud-based file storage.
- Implemented a dual-token JWT authentication strategy with HTTP-only cookies for enhanced security.

## Education & Certifications

- Kubernetes African Developer Training Program (KCNA) — Linux Foundation, 2024
- M.Sc. Epidemiology and Biostatistics - Jaramogi Oginga Odinga University of Science & Technology

## Soft Skills

Leadership & Mentorship | Analytical Thinking | Problem Solving | Agile Collaboration | Documentation & Communication