

MUSYOKA PHILIP MUTUKU

Full-Stack Web Developer

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Portfolio: [musyonchez.vercel.app](https://musyonchez.vercel.app)

Location: Nairobi, Kenya

GitHub: [github.com/Musyonchez](https://github.com/Musyonchez)

## PROFESSIONAL SUMMARY

Results-driven Full-Stack Web Developer with solid foundation in Informatics and Computer Science, specializing in modern web technologies including React, Next.js, and TypeScript. Proven track record of developing scalable, user-friendly applications with focus on responsive design, cross-browser compatibility, and enhanced user experiences. Expert in both frontend and backend development with hands-on experience in GraphQL, database integration, and cloud services.

## TECHNICAL SKILLS

### Frontend Technologies:

React.js, Next.js, JavaScript, TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap, Redux, Redux-Saga, Responsive Design, Mobile-First Development

### Backend Technologies:

Node.js, Express.js, GraphQL, Apollo Client, Apollo Server, RESTful API Development, Authentication Systems, NextAuth, Supabase Auth

### Databases and Cloud:

PostgreSQL, MongoDB, Prisma ORM, AWS S3, Supabase Platform

### Development Tools:

Git, GitHub, Vercel, Visual Studio Code, TypeScript Strict Mode, Modern Development Workflows

### Specialized Skills:

Web Speech API Integration, Document Processing (PDF, DOCX, TXT), Real-time Data Synchronization, Multi-database Architecture Design, Cross-browser Compatibility Optimization

## PROFESSIONAL EXPERIENCE

### Freelance Full-Stack Developer

June 2023 - Present

- Engage directly with clients to gather requirements and deliver customized web solutions
- Develop responsive websites and web applications using modern tech stack including React, Next.js, Node.js, and TypeScript
- Implement mobile-first design principles ensuring cross-browser compatibility
- Focus on performance optimization and user experience enhancement
- Manage complete project lifecycle from conception to deployment

### Delivery Assistant Driver | Bioagro Solutions

January 2023 - April 2023

- Maintained accurate delivery records and ensured timely, efficient operations
- Demonstrated attention to detail and adherence to safety protocols

- Developed strong organizational and time management skills

## PROJECTS

### LibRead - Multi-Modal Text-to-Speech Platform

Technologies: Next.js 15, React 19, TypeScript, Web Speech API, Tailwind CSS

- Developed comprehensive platform with 4 specialized readers for text, document, web, and novel content
- Implemented advanced Speech Synthesis with custom React hooks and callback synchronization
- Built document processing system supporting PDF, DOCX, and TXT files with 10MB capacity
- Created intelligent web content extraction with ad filtering capabilities
- Achieved compatibility across 20+ browsers with professional responsive design

GitHub: [github.com/Musyonchez/libread](https://github.com/Musyonchez/libread)

### StockSync - Enterprise Inventory Management System

Technologies: Next.js, Redux-Saga, Apollo Client, GraphQL, Prisma, AWS S3

- Architected full-stack inventory management solution with real-time synchronization
- Developed multi-database MongoDB architecture with separate domain schemas
- Implemented advanced state management using Redux-Saga for complex async workflows
- Built comprehensive GraphQL API with authentication and role-based access control
- Integrated AWS S3 for file handling and PDF invoice generation

Live Demo: [stocksync-client.vercel.app](https://stocksync-client.vercel.app)

GitHub: [github.com/Musyonchez/StockSync-Client](https://github.com/Musyonchez/StockSync-Client) and  
[github.com/Musyonchez/StockSync-Server](https://github.com/Musyonchez/StockSync-Server)

### MP3Ninja - YouTube Processing Platform

Technologies: Next.js 15, TypeScript, Python Integration, yt-dlp

- Created advanced YouTube search and management system with triple search methods
- Integrated yt-dlp Python library via Node.js child processes for video processing
- Implemented smart pagination system with 50-result batching optimization
- Built environment detection system for localhost vs production deployment
- Developed professional UI with theme system and responsive design

GitHub: [github.com/Musyonchez/yt](https://github.com/Musyonchez/yt)

### SyntaxMem - Modern Authentication Platform

Technologies: Next.js 15, Supabase, PostgreSQL, OAuth

- Developed modern authentication system with Google OAuth integration
- Implemented SSR-compatible auth with protected route guards
- Created premium glassmorphism design system with gradient aesthetics
- Built real-time database integration using Supabase platform

GitHub: [github.com/Musyonchez/syntax](https://github.com/Musyonchez/syntax)

### KEY ACHIEVEMENTS

- Successfully deployed and maintained personal portfolio showcasing technical projects
- Multiple live production applications serving real users with high performance
- Early adopter of Next.js 15, React 19, and cutting-edge web technologies
- Consistent implementation of TypeScript strict mode and comprehensive error handling
- Proven track record of delivering projects on time and exceeding client expectations

## EDUCATION

### Foundation in Informatics and Computer Science

- Comprehensive understanding of software engineering principles
- Continuous learning through hands-on project development and modern web technologies
- Active engagement with latest industry trends and best practices

## CORE COMPETENCIES

### Technical Excellence:

Advanced React patterns and custom hook development, GraphQL schema design and resolver optimization, Multi-database system architecture, Performance optimization and caching strategies, Cross-platform compatibility implementation

### Professional Skills:

Client requirement gathering and communication, Project lifecycle management, Problem-solving and analytical thinking, Adaptability to new technologies and frameworks, Team collaboration and cross-functional cooperation, Time management and deadline-driven delivery

### Languages:

English (Professional proficiency), Swahili (Native)

## PROFESSIONAL PHILOSOPHY

Committed to creating innovative, user-centric web solutions through clean code, responsive design, and modern development practices. Passionate about leveraging

cutting-edge technologies to solve complex problems and deliver exceptional user experiences. Focused on continuous learning and staying current with industry evolution.

Available for full-time positions, contract work, and collaborative projects. Open to remote opportunities and willing to relocate for the right position.