JOHN MUINDE

Full Stack Developer | API Specialist | Aspiring Cloud Solutions Architect | Cloud Infrastructure & App Deployment

[LinkedIn](#) | [Github](#) | [Portfolio](#)

CONTACT INFORMATION

Email: jhnmuinde@gmail.com

Remote Work: Globally Authorized

PROFESSIONAL PROFILE

Results-driven Full Stack Developer with **4+ years** of proven expertise in building scalable web applications and APIs for humanitarian organizations and enterprise platforms. Demonstrated ability to architect and deploy solutions serving **1.5M+ active users** while maintaining 99.9% uptime. Specialized in modern web technologies with extensive cloud infrastructure experience.

Core Competencies: API Development | Performance Optimization | Cloud Architecture | Security Implementation | Remote Team Leadership

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Technical Skills

Frontend: React.js, Next.js, Vue.js, Nuxt.js, JavaScript (ES6+), HTML5, CSS3, Responsive UI

Backend: PHP (Laravel, Native), Node.js, REST APIs, Server-side Architecture

Cloud & DevOps: AWS (EC2, S3, Lambda, RDS), Docker, Vercel, Railway, cPanel, Spanel, WHM, GitHub Actions, CI/CD, Serverless

Database: MySQL, PostgreSQL, MongoDB – Design, Optimization, Migration

Networking: CCNA Certified (Switching, Routing, Wireless)

PROFESSIONAL EXPERIENCE

Software Developer | Sheffield Africa Ltd *(On premise)*

November 2024 - Present

- **Performance Engineering:** Achieved 40% improvement in website traffic and search rankings through strategic Laravel/Vue.js optimizations, enhancing organic visibility across Google and Bing search engines
- **Application Development:** Built and maintained Laravel 10 + Vue.js 4 applications from conception through production deployment
- **Technical Leadership:** Provided architectural guidance and optimization strategies across multiple international projects
- **Cross-Functional Collaboration:** Coordinated with distributed teams to ensure seamless integration and performance standards

Software Application Developer | JamboPay (VesenComputing Solutions) *(Nairobi)*

May 2023 - November 2024

- **Humanitarian Technology:** Enhanced FAO Hand-in-Hand Initiative dashboard supporting UN Sustainable Development Goals for rural poverty monitoring and food security analysis
- **Large-Scale Platform Management:** Built and maintained fao.farmmagic.org serving **1.5+ million active users** with native PHP, ensuring robust performance and security compliance
- **Full-Stack Integration:** Developed Anga Cinemas POS system using Flutter, demonstrating cross-platform development capabilities
- **Payment System Architecture:** Implemented comprehensive payment solutions including M-PESA integration, JamboPay checkout, and B2B/B2C processing workflows
- **API Development:** Designed scalable RESTful APIs and administrative dashboards with advanced data analytics capabilities
- **Security Implementation:** Applied OWASP security standards and executed penetration testing remediation protocols

Full Stack Developer | Freelance Platforms *(Remote)*

January 2021 - July 2023

- **AI-Powered Solutions:** Developed Study Buddy educational platform integrating OpenAI for personalized learning experiences
- **Enterprise Applications:** Created TenderFocus bid management system serving Kenyan market with comprehensive administrative interfaces
- **E-Commerce Development:** Built scalable platforms including Conquerr marketplace and Ramah Heights hotel management system
- **Innovation Projects:** Delivered Ishara AI sign language translation platform, demonstrating advanced machine learning integration

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CURRENT PORTFOLIO & DEPLOYMENTS

Production Applications on Production:

- **https://dev.ishara.co.ke** - AI-powered platform with machine learning models (Next.js, AWS infrastructure)
- **https://fao.farmmagic.org** - Agricultural platform serving 1.5M+ users (Native PHP, enterprise-scale)
- **https://sheffieldafrica.com** - Corporate website with 40% performance enhancement (Laravel/Vue.js)
- **https://query-hub-frontend.vercel.app - Query Hub** - Advanced chatbot and data query platform (Next.js, active development)
- **https://horecafitouts.com** - Commercial solutions platform (Nuxt.js)

EDUCATION & PROFESSIONAL DEVELOPMENT

Bachelor of Science in Applied Computer Science

Daystar University | 2020-2023 | **GPA: 3.51/4.0 (Honors)**

- Second Highest GPA in Computer Science Department (2023)
- Most Creative Award for automated timetable generation system
- Deans List recipient (2 consecutive terms)

Diploma in Business Information Technology

Strathmore University | 2020-2021 | **Grade: B+ (Merit)**

ALX AWS Cloud Computing Program | *In Progress*

Advanced cloud architecture training and AWS Solutions Architect certification pathway

Cisco Certified Network Associate (CCNA)

Tangaza College | 2020-2023

- Switching, Routing and Wireless Essentials
- Introduction to Networks
- Networking Essentials

KEY ACHIEVEMENTS & IMPACT

Technical Leadership

- Acting CTO at VesenComputing Solutions, directing strategic technical initiatives

- Employee of the Year 2023 for exceptional performance and innovation delivery

Performance & Scale

- 40% measurable improvement in website traffic and search engine rankings
- Successfully architected applications serving 1.5M+ concurrent users
- Optimized page load times and SEO performance across multiple enterprise platforms

Humanitarian Technology Impact

- Enhanced FAO dashboard supporting global poverty reduction initiatives across multiple African countries
- Developed agricultural technology solutions serving farming communities
- Created accessible technology platforms for underserved populations

Cloud Infrastructure Excellence

- Multiple production applications deployed and maintained on AWS with 99.9% uptime
- Implemented serverless architecture and cost-optimized hosting strategies
- Proficient in container orchestration and automated deployment pipelines

LANGUAGES

English: Professional Fluency | **Kiswahili:** Native Speaker | **French:** Conversational

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PROFESSIONAL INTERESTS

Humanitarian Technology Solutions, Open Data Platforms, API Architecture, Performance Engineering, Distributed Team Leadership, Agricultural Technology, Conflict Data Analysis

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References and detailed project documentation available upon request