



JAPHETH KIPCHIRCHIR MUTAI

Product Engineer | Technical Lead | Full-Stack Developer

CONTACT

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CORE SKILLS

LANGUAGES

JavaScript/TypeScript, C#, PHP, Python, SQL

FRONTEND

React, React Native, Next.js, Redux Toolkit,
Tailwind CSS, Three.js, HTML5, CSS3

BACKEND

Laravel, ASP.NET/.NET, Node.js, Django,
Express.js, REST APIs, GraphQL

DATABASES & DATA

MySQL, PostgreSQL, SQLite, MongoDB, Redis

ORMS & DATA ACCESS

Prisma ORM, Entity Framework, Laravel
Eloquent

CLOUD & DEVOPS

AWS, DigitalOcean, Docker, Git, GitHub Actions,
CI/CD, Linux, Nginx

ARCHITECTURE

System Architecture, REST API Design,
Offline-First Architecture, Multi-Tenant SaaS,
Authentication & Authorization, Role-Based
Access Control

MESSAGING & INTEGRATIONS

M-Pesa API, Stripe, Firebase Cloud Messaging
(FCM), WebSockets, Twilio, OAuth 2.0, JWT

TOOLS

VS Code, Visual Studio, Postman,
Swagger/OpenAPI, Figma, Jira, Trello

EDUCATION

BSc, Software Engineering

Kenyatta University, 2010-2014
Second Class Honours (Upper Division)

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals
Certified Public Accountant (CPA): Section I & II,
KASNEB

LANGUAGES

English: Professional Working Proficiency
Kiswahili: Professional Working Proficiency

AFFILIATIONS

Member, Orange Nile, a professional developer
community/network, Netherlands (2024-present)

REFERENCES

Available upon request.

PROFILE SUMMARY

Product Engineer and Full-Stack Developer with 10+ years designing, building, and shipping SaaS platforms, business automation systems, and web, mobile, and desktop applications end to end, from architecture and development through deployment and client delivery. Has led engineering teams and owned products across logistics, retail, church administration, and business communications, and delivered freelance projects for international clients across the Netherlands, Spain, Italy, Bulgaria, Germany, and the United States. Comfortable working across the full stack with Laravel, React, React Native, .NET, Node.js, and Python, with a strong focus on practical, scalable product delivery and hands-on technical leadership.

PROFESSIONAL EXPERIENCE

- Product Engineer** Nov 2024 - Present
Maxicom IT Consultancy | Nairobi, Kenya
 - Leads in-house product development at Maxicom IT Consultancy, owning architecture, delivery, and continuous improvement of the company's core products.
 - Built and maintain DukaPro, a cloud-based POS & inventory management SaaS platform (web, desktop, mobile) now used by more than 50 SME businesses, with offline-first sync, barcode scanning, and thermal printer integration.
 - Built and maintain ChurchMate, a church management platform (members, attendance, finance, communication) live at 5 churches, and a bulk SMS platform serving 12 active clients.*Technologies: Laravel, React, React Native, Electron, Inertia.js, MySQL, PostgreSQL*
- Senior Software Developer** Jun 2022 - Nov 2024
SOBA.AFRICA | Nairobi, Kenya
 - Led engineering across backend, frontend, and mobile teams building the SOBA Africa logistics platform, working with leadership to shape technical strategy.
 - Architected REST APIs and customer-facing applications delivering real-time shipment visibility.
 - Mentored developers via code review and technical guidance; drove architecture, deployment, and database design decisions, including data-security hardening.*Technologies: .NET, React, TypeScript, Next.js, Node.js, Tailwind CSS, PostgreSQL, MySQL*
- Lead Software Developer** Nov 2017 - May 2022
Maxicom IT Consultancy | Nairobi, Kenya
 - Led software projects from requirements through deployment, delivering enterprise web applications and business automation systems across multiple industries.
 - Built customer portals and systems integrated with M-Pesa payments; developed bulk SMS communication platforms for business clients.
 - Conducted code reviews and mentored developers to raise software quality and delivery standards.*Technologies: Python, Django, PHP, Yii2, React, TypeScript, PostgreSQL, MySQL*
- Project Officer** Oct 2016 - Oct 2017
Community Education and Empowerment Centre (CEEC) | Nairobi, Kenya
 - Redesigned the CEEC website and managed the Sauti Mtaani digital engagement platform, connecting 20,000+ youth across Nairobi County with 32 elected representatives (MCAs).
 - Developed and integrated a bulk SMS platform and network security policies for the organization.*Technologies: Django, WordPress, PHP, CorelDraw*

**System Developer**

Sep 2014 - Sep 2016

Marvel Technologies | Eldoret, Kenya

- Delivered property, fleet, and parcel management systems, and contributed to a microfinance system, across the full development lifecycle.

Technologies: PHP, Yii, WordPress

Earlier roles: *Software Developer, Environ Computax (2014); Software Developer Intern, Advanta SMS (2014); Software Developer, Doban Africa (2013); Content Developer, American Content Creators Centre (2011).*

NOTABLE CLIENT AND FREELANCE PROJECTS

Delivered full-stack products for international clients through freelance engagements, spanning AI-assisted ordering systems, real estate and rental platforms, and interactive 3D commerce tools:

AI Restaurant Ordering System | Netherlands

Built an AI-assisted ordering system where patrons talk to an AI assistant from their mobile app to get help picking meals and placing orders, while waiters pick up confirmed orders from the backend to serve tables or send them straight to the kitchen terminal.

*Technologies: React, TypeScript, Redux Toolkit, Django, Tailwind CSS, Figma, GitHub***Abidors Real Estate Platform | Bulgaria**

Contributed as a frontend developer on a platform connecting buyers, sellers, virtual assistants, lawyers, photographers, and financial institutions, covering property listing and search, documentation and agreements, and mortgage applications in one system.

*Technologies: React, TypeScript, Tailwind CSS, Node.js, Figma***WP Monitoring Platform | Netherlands**

Built a platform letting WordPress site owners manage analytics, plugins, and themes for all their WordPress websites from a single dashboard instead of logging into each site individually, backed by a Django REST API for real-time data.

*Technologies: React, Redux Toolkit, Django, Stripe Payment Processing, 2FA Authentication, Tailwind CSS, JWT Authentication***Powerhost Rental Management Tool | Spain**

Built a tool for Airbnb hosts to track listing performance, see what to improve to rank better in Airbnb search results, and grow revenue, integrating the Rentals United API and deployed to AWS via Bitbucket pipelines.

*Technologies: Next.js, Tailwind CSS, Python, AWS, Bitbucket***3D Shoe Configurator | Italy**

Built an interactive 3D product configurator enabling real-time shoe customization and visualization, enhancing the online shopping experience for the client's customers.

Technologies: React, TypeScript, Tailwind CSS, Three.js, React-Three-Fiber, Adobe, Blender