SIMON GIOCHE

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Software Engineer (Full stack)

Multidisciplinary and detail-driven software engineer with 2+ years of experience in full-stack development, AI model training, and IT support. Proven track record of delivering scalable web/mobile applications, optimizing IT infrastructure, and curating data for high-performing AI systems. Adept at working cross-functionally to deliver robust digital solutions with real-world impact.

Contact Information

- Name: Simon Gioche
- Phone: +254707948104
- Location: Nairobi, Kenya (Remote Eligible)
- Email: giochesimon95@gmail.com

Skills

- Languages & Frameworks: JavaScript, Python, Swift, React, React Native, Node.js, Express
- Databases & APIs: MongoDB, Stripe API, MPESA API, Google API, RESTful APIs, SWIFT Code Integration
- Tools & Architecture: Git, MVC Architecture, Docker, SAP Software, Server Management
- AI/ML Expertise: TensorFlow, PyTorch, Prompt Engineering, Text Annotation, Bias Detection, Human Feedback Loop
- Content & Language QA: Native English, British English, Conversational Swahili, Academic & Business Writing
- NLP Tasks: Summarization, Q&A Pair Generation, Text Ranking, Multilingual Review

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Work Experience

Freelance Software Developer & AI Training Specialist
Remote | Jan 2020 – Present

- Engineered and deployed over 10 full-stack applications using Flutter, Node.js, and Python, improving client operations by up to 40%.
- Delivered AI-powered solutions for text analysis and classification by training NLP models with TensorFlow and PyTorch.
- Designed intuitive UI/UX workflows and mobile-first interfaces, increasing user engagement for client products.
- Conducted quality checks for AI-generated outputs and ranked responses across diverse domains to enhance LLM performance.
- Built PoC platforms for startups, accelerating MVP delivery timelines by 30% on average.
- Collaborated with teams across product, design, and engineering to deliver customized digital solutions for global clients.

Fiber Optic Technician
Optimus Fiber Solutions | Jan 2024 – Jan 2025

- Installed and maintained fiber-optic networks across commercial and residential sites, increasing network uptime by 20%.
- Diagnosed and resolved complex connectivity issues, reducing customer complaints by 35%.

- Delivered technical support and training to clients, resulting in better self-service and reduced maintenance calls.

IT Intern

Great Rift Valley Lodge, Naivasha | May 2023 – Aug 2023

- Maintained the hotel's IT systems and improved software availability with proactive system health monitoring.
- Resolved end-user issues and implemented minor automation scripts, reducing IT support tickets by 25%.
- Assisted in deploying new software tools and documentation, improving internal staff adoption and efficiency

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Education

BSc in Computer Science and Information Technology, 2024

The East African University, Nairobi, Kenya

- Key Achievements: Developed multiple full-stack projects integrating third-party APIs for payment and booking systems. Mentored peers in React Native development through Perform Academy.

Projects

City Swift

Flutter, Firebase, Google API

- Built a cross-platform ride-booking app for 1,000+ users with live tracking and transparent mobile payments.

Municipal Management System

C#, ASP.NET Core MVC

- Created a digital hub for local residents to request services, track issues, and engage with community resources.
- Integrated secure login, admin dashboards, and role-based user permissions.

Point of Sale (POS) System

Python

- Developed a desktop POS system with inventory control, barcode scanning, and printable receipt generation.
- Enabled small businesses to monitor real-time sales and customer trends.

Client Portfolio Websites

HTML, CSS, JavaScript, PHP

- Designed SEO-optimized websites for SMEs, integrating booking systems and product showcases.
- Increased client website engagement and online conversions through UX-focused development.