

LEON MUNENE

Full Stack Developer

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CAREER SUMMARY:

Full-stack developer engineering scalable, user-centric solutions with Python, React, and Next.js. I leverage AI-assisted tools to write clean, optimized code and solve complex problems efficiently. As a Microsoft Student Ambassador and Accela Community Lead, I enhanced team capabilities by mentoring over 20 peers in modern development practices and collaborative workflows.

WORK EXPERIENCE:

Software Intern | Alofa, Remote | 7/2024 – 11/2024

- Engineered and delivered key features across the full development lifecycle, implementing robust code, debugging complex issues, and conducting rigorous testing to boost application performance.
- Developed responsive front-end components using React and SCSS, including dynamic user cards, and integrated them with back-end services to enhance user experience in a fast-paced environment.

Freelance Developer | Self-Employed | January 2023 – Current

- Delivered end-to-end web solutions for diverse clients, from initial requirements gathering to final deployment and maintenance.
- Developed, tested, and troubleshoot custom web applications to meet specific client needs.

RELEVANT PROJECTS:

Kamusi AI

Freelance Full-stack | kamusi.denexsoftware.co.ke | May 2025 – Still improving

- Built a full-stack AI learning platform with Next.js, PostgreSQL, and Google Gemini API to auto-generate personalized courses. Integrated YouTube API for dynamic videos, Clerk for secure auth and tracking, and designed a responsive UI with Tailwind CSS and Shadcn UI.

Microservice Architecture for Propel

Contract Back-end Developer | April 2025 – Ongoing

- Architected a scalable microservice backend using Python/Django, GraphQL, and RabbitMQ for high-throughput data exchange. Implemented critical services for user authentication, admin tools, and product management to support core business operations.

EDUCATION:

KCA UNIVERSITY | Nairobi, KE | Bachelor of Science, Applied Computing (Information Security Major) | Expected September 2026 | Relevant coursework includes Systems Design & Management, Advanced Algorithms, Database Systems, and Network Security.

ALX SE PROGRAM | Software Engineering Program, Backend Specialization | Completed April 2024 | Completed a rigorous 12-month program focused on backend development with Python, data structures, and scalable system design.

SKILLS:

- Backend & APIs: Python (Django, Flask), Node.js, RESTful & SOAP APIs
- Frontend & UI/UX: React, Next.js, JavaScript, HTML5, CSS3, Tailwind CSS
- Databases & DevOps: PostgreSQL, MySQL, Supabase, GCP, Docker, Git, GitHub
- Tools & Integration: Vercel, VS Code, AI-assisted Development (GitHub Copilot, Gemini-cli)