JACKTON EFUKHO MTEMBETE

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SUMMARY

Hello! My name is Jackton Mtembete, a dedicated Full Stack Developer with a strong focus on back-end development. I specialize in **SQL** and **NoSQL databases**, **Node.js**, **Express**, **Next.js**, and **Laravel** to build scalable, high-performance server-side solutions. With a proven ability to deliver robust architectures and optimize code for efficiency, I bring a detail-oriented approach and a commitment to creating reliable, maintainable backend systems. I am actively involved in innovative projects and AI-driven solutions, continuously expanding my skill set to stay at the forefront of backend technologies. Here is a link to **my portfolio**.

WORK EXPERIENCE

Software and AI Engineer

June 2023 – December 2023 (6 months contract)

Precision Consulting, Las Vegas, Nevada 89135 (Remote Work)

★ **Back-end Development:** Developed scalable server-side applications using **Node.js, Laravel, MongoDB** and **Supa Base**, optimizing data storage and retrieval for efficiency.

★ **API Development:** Built and maintained RESTful APIs, integrating third-party services such as **Solve360** and **SmartSheets** to enhance system functionality.

★ **System Upgrades:** Played a key role in upgrading existing company systems and scripts, transitioning from **PHP** to **Laravel**.

★ **AI Integration:** Integrated **AI models** into both new and existing company software to enhance capabilities and automate processes.

Freelancer: Software Engineer

April 2019 – Present

★ Developed and maintained full-stack applications, delivering tailored solutions for clients using technologies of their choice.

★ Integrated third-party APIs and conducted unit and integration testing to ensure reliability and system stability.

★ Developed intuitive front-end designs, collaborating with designers to ensure seamless user experiences.

EDUCATION

ALX Africa
Foundations Phase: August 2022 – June 2023
Specialization Phase: January 2024 – April 2024

★ Specialized in backend development, focusing on server-side scripting, database management, and API development.

Kenyatta University, Nairobi, Kenya
September 2015 – April 2021
Bachelor of Information Technology, Second Class Honors

Alliance High School
January 2011 – November 2014
Grade: A-

TECHNICAL SKILLS

▫ Frontend: Next.js, JavaScript, React.js, jQuery, Tailwind.css, HTML, CSS
▫ Backend: Node.js, Python, Flask, FastAPI, Django
▫ Databases: MySQL, MongoDB
▫ DevOps: Nginx, Ha Proxy, Puppet, Fabric, Docker
▫ Other: PHP, Laravel, WordPress, Supabase

INTERESTS

Technology	Artificial Intelligence	Literature	Music

LANGUAGES

Kiswahili – Native	English – Expert