

JACKTON EFUKHO MTEMBETE

+254 708313804 /Address: 30367-00100 Nairobi
jackmtembete@gmail.com
<https://www.linkedin.com/in/jack-mtembete>
<https://github.com/jackjavi>

SUMMARY

Experienced Full Stack Developer with a strong background in front-end and back-end development, specializing in technologies such as NoSQL databases, Node.js, Next.js, and Tailwind.css. Proven track record of delivering high-quality web applications and scalable server-side solutions. Skilled in working with collaborative, cross-functional teams, optimizing code for performance, and maintaining robust databases. Actively involved in innovative projects and AI-driven solutions. 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** and **MongoDB**, optimizing data storage and retrieval for efficiency.
- ★ **Front-end Development:** Developed dynamic, responsive interfaces using **Next.js** and **Tailwind.css**, enhancing user interactivity.
- ★ **API Development:** Built and maintained RESTful APIs, integrating third-party services to enhance system functionality.
- ★ **System Upgrades:** Played a key role in upgrading existing company systems and scripts, transitioning from PHP to Laravel.

Freelancer: Software Engineer

April 2019 – Present

- ★ Developed and maintained full-stack applications, delivering tailored solutions for clients using **Node.js**, **Express.js**, **MongoDB**, **Supa Base**, and **Next.js**.
- ★ Designed front-end interfaces using **JavaScript**, **TailwindCSS**, and **Next.js**, collaborating closely with UI/UX designers to ensure a seamless user experience.
- ★ Integrated third-party APIs, ensuring reliable communication between systems.
- ★ Implemented unit and integration tests, improving application reliability and stability.

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
--------------------	------------------