WANJAWA FRANDEL

DEVELOPER

CONTACT

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EDUCATION

2019 - 2024
JOMO KENYATTA [JKUAT]

- BSc. Electronics and Computer Engineering.

2015 - 2018
FRIENDS SCHOOL KAMUSINGA

- KCSE [A -(minus)]

2014
KING DAVID PREP-KOLANYA

- KCPE 400 marks

PROGRAMMING

C++ Docker Github Matlab
Pandas Numpy Pycharm
Vs code PostgresQL React
MySQL Python Django Selenium
php Kicad Proteus GraphQL
Matplotlib Vite

SKILLS

- Project Management.
- Teamwork.
- Leadership.
- Effeciency.
- Critical Thinking.
- Design Thinking.

LANGUAGES

- English (Fluent)
- Swahili (Fluent)

ABOUT

Just like the other over 7 billion people on this planet, I believe I am equally unique. I am multi talented, organised and posses razor sharp focus that gives me an advantage in identifying and tackling the ever evolving challenges affecting businesses, organisations and generally, people. I am passionately dedicated towards transforming the world thruogh innovation in technology space, programming and practical engineering. I am an artist at work and my work is an art. I strongly believe that I bring an extraordinary touch to the work I do.

PROJECTS

- Aviator bot.
- Project humanity.[Data analysis on UN and KNBS data].
- Smart Baby Crib.
- Smart Limiter.
- Data Structures and Algorithm

WORK EXPERIENCE

Kenya Space Agency [Tafiti Project] Jan 2024 - present
Communication subsystem lead

- Develop a suitable implementation framework and work plan for the communication subsystem.
- Lead, mentor, and manage a high-performing engineering students team, fostering a collaborative and results-driven work environment.
- Co-designed and implemented the communication circuitry for a nano satellite and proofed firmware for the communication subsystem.

Egypro EA limited Jan 2023 - May 2023
Engineering Intern

- Realtime mitigation of electrical and mechanical faults in booster stations owned by Safaricom.
- Preemption of needs of various booster sites.

Gearbox EA and Fedha Electrics Jan 2022 - May 2022
Engineering Intern

- Co-developed smart solutions addressing human challenges including smart water hub and smart speed limiter.
- Co-developed firmware for hardweare designed by other engineers.

Kenya National Bureau of Statistics July 2018 - Sept 2018
Census Enumerator

- Handled and relayed data from respondents.

AWARDS AND CERTIFICATION

- Robotics Dojo.
- Society of Engineering Students design competition.

REFERENCE

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