REGAN MUTHOMI
SOFTWARE ENGINEER

💼 WORK EXPERIENCE

Platcorp Holdings | Jan 2025 - Present
Software Engineer
- Led the containerization of applications running on cloud VMs
- Designed and implemented RESTful APIs and microservices for integration with core banking system
- Conducted code reviews and mentored junior developers.
- Developed internal services to help streamline processes.
- Architected scalable software products to support operations

Pamba Africa | April 2024 - Jan 2025
Tech Lead
- Designed and developed the backend API infrastructure that serves the Pamba.africa frontend.
- Developed internal tooling to automate user feedback gathering for the MVP.
- Conducted code reviews and led the Pamba development team.
- Led product testing and demos for prospective customers.

Consultant | April 2022 - present
Fullstack Web Developer
- Develop, test, deploy software projects that meet client specifications and quality standards.
- Design and built application databases to support robust and efficient data management.
- Work closely with other developers in large software projects, contributing to team synergy and project success.

Africa Data School | Aug 2021 -Dec 2023
Lead Data Science Instructor
- Led the development of a new curriculum, resulting in a 10% increase in course completion rates.
- Introduced a 'blog-based' learning approach, empowering learners to articulate concepts through concise blog articles.
- Organized Data Science events and talks, facilitating interaction between learners and industry experts.

💡 PROJECTS

Pamba Africa SaaS Platform
- Designed and built the Pamba backend, to allow business owners manage their business operations and appointment bookings.

Technologies: Python, Flask, Postgres, REST, GIT, GitHub

Face Mask Detector
- Built a computer vision application to detect people wearing face masks.
- Improved models performance while reducing computation cost with transfer learning.

Technologies: Python, Numpy, OpenCv, Tensorflow, Streamlit, GIT

👤 CONTACT

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in LinkedIn

🌐 Website

Medium

Github

📖 EDUCATION

2013 - 2017
BA Economics with I.T
Maseno University

⚙️ SKILLS

- Python (Flask, Django)
- Typescript (Node, ReactJs, NextJs, VueJs)
- Databases (Postgres, MySQL, MongoDB)
- Docker, Kubernetes.
- RabbitMQ
- GIT, Linux
- HTML/CSS
- REST
- AWS