

ROMANUS KIPNGETICH

NAIROBI, KENYA

+254737466930

bettromanus@gmail.com

PROFILE

Adaptable full-stack software developer with experience in building and deploying web applications using frameworks such as Django, Flask, and React.js.

Effective ability to collaborate with teams and organizations to deliver scalable solutions and passionate about leveraging software to solve real-world problems, with an interest in building tech tools that enhance operation efficiency across industries.

PROFESSIONAL EXPERIENCE

Industrial Attachment Trainee | May 2024 – June 2024

Kenya Ports Authority – Mombasa, Kenya.

- Supported senior engineers in diagnosing and troubleshooting mechanical and electrical faults in KPA vessels.
- Conducted oil level checks, filter replacements, and engine performance evaluations under supervision.

Software Developer | Sep 2022 – Nov 2023

Naya Solutions - Nairobi, Kenya

- Composed and optimized raw SQL queries and SQLAlchemy ORM models within a flask application, designed and implemented stored procedures, triggers and views in PostgreSQL to efficiently manage the vast datasets in place between MariaDB and the Dansoft database.

- Collaborated with organizations, including Uhuru Flowers and Kikwetu, enhancing the performance of the migration journey.

Software Developer | Sep 2022 – Mar 2023

Equinox – Nanyuki, Kenya

- Designed and developed a React, Flask app for a comprehensive meal order management web app to streamline the ordering process and maintain detailed records of the staff orders.
- Containerized and deployed the meal order management web app using docker.

SKILLS

Programming: Python, JS, TypeScript

Frameworks: Django, Flask, Express, React

Databases: PostgreSQL, MongoDB, MySQL

Tools/DevOps: Git, Docker

Others: Troubleshooting, Maritime Safety

CERTIFICATIONS:

2025 | Basic Safety Training and Security Awareness – Harbour View Training Institute

2022 | Web Development Bootcamp (Udemy) – Full-stack development with MERN stack.

PROJECTS

- Authored and collaborated with fellow students at JKUAT in developing an oil sensing buoy using the IoT and C++ to curb oil pollution in port areas.
- Meal Order System for Organization Staff - authored a meal order management web app, enabling the organization to track staff's meal records efficiently.

WEBSITES

LINKED IN: <https://www.linkedin.com/in/bett-romanus-19b57222a/>

GITHUB: <https://github.com/RomanusBett>

EDUCATION:

Sep 2020 – May 2025 | Jomo Kenyatta University of Agriculture and Technology, Juja, Kenya – Bachelor of Science in Marine Engineering.

Feb 2016 – Nov 2019 | Friends School Kamusinga, Kimilili – Kenya Certificate of Secondary Education. Grade: A-