Filbert Elietha Ayo
Available for full-time Software Engineer and UI/UX designer

Dar es salaam | filbertayo09@gmail.com | +255 755237692 | LinkedIn | GitHub | Personal Website |
Designs

EDUCATION

Bachelor: University of Dar es salaam (UDSM)   Nov 2020 – July 2024
Bachelor of Computer Engineering and Information Technology (CEIT)

Advanced level: AHMES Secondary School   Marc 2018 – July 2020
Course: Physics, Chemistry, Advanced Mathematics (PCM) & General study

WORK EXPERIENCE

Natkern Company Limited (Practical training)   Dar es salaam
Software developer and graphics designer   Sept 2023 – Oct 2023
- Completed practical training in Web development, gaining a hand-on experience in creating and managing website
- Applied technical knowledge and design expertise to create commercial graphics used in Rental LED displays

Amana Regional Referral Hospital (Field)   Dar es salaam
Network administrator   May 2022 – Aug 2022
- Managed and maintained network infrastructure, including routers, switches, and firewalls, to ensure optimal performance and security.
- Configured and monitored network services such as VPN, and resolved connectivity issues to support smooth and efficient network operations.

Settlo Technologies Limited (Freelancing)   Dar es salaam
UI/UX design designer   May 2024 – June 2024
- Designed the UI/UX for a comprehensive school management system, highlighting the roles and interactions of super users, parents, teachers, and students to ensure a seamless and user-friendly experience.

Mikono Expo   Dar es salaam
Software Developer   July 2024 – Aug 2024
- Developed the official websites for Mikono Expo, a company specializing in organizing high-profile events such as the Top 100 CEO List Awards, Fintech societies, and Expo's. Recruited to design and implemented *Fintech society of Tanzania*, *CEO Roundtable Kenya*, *Fintech Festival Tanzania Application* to organize meetings between Exhibitors, Sponsors, Delegates and the voting system for the *Top 100 CEO Executive List Awards*, ensuring a seamless and secure voting process.

Mars Communications Ltd   Dar es salaam
Software Developer   Aug 2024 – Current
- Responsible for developing and maintaining internal systems, including an Expense Management System (handling petty cash, item tracking, and requests) and a Loan Management System. Also involved in enhancing and optimizing technical aspects of existing systems to improve operational efficiency within the company.

PROJECTS

Advance Purchase installment System |Website Link
- Designed and developed a web-based Advance Purchase System for Mars Communication Ltd, enabling customers to purchase products through a structured installment payment plan
- The system allows users to choose products, make partial payments over time, and track their progress until completion. Once fully paid, the product is delivered, ensuring a smooth and transparent purchasing experience
- The system supports repeat applications, allowing customers to continue using the service for new purchases. This solution enhances financial flexibility and customer accessibility while improving **payment** management and transaction tracking for the company.

Expense Management System(Petty cash and Item Request) |Website Link
- Developed a web-based Expense Management System for Mars Communication Ltd to streamline financial operations. The system allows employees to request funds based on specific expenses, with a three-level approval process before disbursement
- Additionally**,** Branch managers can request operating funds from higher management, ensuring a structured and transparent financial workflow.

Company Profile Website – Nebo Company Limited |Website Link
- Collaborated with a team to design and develop a company profile website for **Nebo Company Limited**, showcasing its services, portfolio, and company information. The website enhances the company's online presence and brand visibility, providing a professional and user-friendly platform for clients and stakeholders.

Top 100 Executive List Voting |Website Link
- A website developed to facilitate voting for the prestigious Top 100 Executive Awards, allowing users to support and vote for their favorite CEOs across various categories. The system enables easy navigation for users to view nominees, select categories, and cast their votes in a secure and user-friendly interface. This platform enhances audience engagement, promotes transparency in the voting process, and highlights top leaders in diverse industries.

Fintech Society of Tanzania |Website Link
- The Fintech Society of Tanzania website is an online hub for Tanzanians interested in advancing financial technology. This platform promotes innovation, collaboration, and best practices within the fintech industry by connecting Tanzanian fintech companies, fostering collaboration, and advocating for progressive regulations. It allows members to join, stay updated on events, and participate in initiatives aimed at industry growth and development.

CEO Roundtable Kenya |Website Link
- The CEO Roundtable Kenya website serves as an exclusive membership platform for top Kenyan executives. It guides CEOs on the registration process, providing a direct and user-friendly experience to join the roundtable. As a premier forum, the platform fosters collaboration, idea-sharing, and leadership development to address industry challenges and drive sustainable growth in Kenya.

Well Connect Application (Website and Application) | App Repo | Website Repo
- Well Connect is a mobile app and pharmacy web portal designed to simplify medication access and health management for non-communicable disease (NCD) patients
- The app enables patients to avoid long waits and multiple pharmacy visits by streamlining the process of obtaining medication
- It also allows patients to conduct self-assessments by entering their NCD metrics, generating personalized results
- Well Connect aims to improve healthcare delivery, reduce burdens on patients, and enhance pharmacy operations

My Afya Card (Website system) | GitHub Repo
- My Afya Card is a digital healthcare management system that modernizes the monitoring of HIV patients in Tanzania
- It allows hospitals to efficiently manage patient information, track health progress, and enhance care quality
- This platform replaces traditional hardcopy methods of storing HIV patients' data, reducing patient stigma and improving data accuracy and privacy

E-commerce and Other projects | SokoFree Repo | Clothing store Repo | BookMate Repo
- Developed SokoFree, an app that allows users to register and sell their used products remotely from their place, enabling buyers to order and buy products
- Clothing Store is an innovative e-commerce website that allows owners to easily post and manage their clothing and shoe products, while providing a seamless shopping experience for buyers
- Developed BookMate, an application that showcases books from around the world with detailed descriptions, ratings, categories, authors, and publication years, while enabling users to add books to their favorite list
- Fintech Festival Tanzania Mobile Application that Organize Meeting between Exhibitors, Delegates and Sponsors

SKILLS

Languages: Dart, JavaScript, PHP, HTML, CSS

Frameworks/Tools: Laravel, Flutter, MySQL database, Supabase

Other: REST APIs, JSON
UI/UX Design: Figma, Adobe Illustrator, Canva
Project Management System: GitHub, Notion

AWARDS, ACCOMPLISHMENTS AND HONOR'S

Best student in Advanced Mathematics in Tanzania 2020
- Awarded Certificate of Excellence for Outstanding performance in the Form Six National Mathematics Examination, achieving a third(3rd) position nationwide in Tanzania

REFERENCE
Mr. Mohammed Abdulrasul – General Manager(GM) | Mars communications Ltd | +255 743 606 010

Mr Deo – CEO of Mikono Expo | +971 55 101 9967

Mr. Henry Mkama -WellConnect Application | henrymkama@gmail.com | +255 620 341 714

Mustapha Nyagawa – St. Joseph University of health and allied science - My Afya Card | +255 759 098 728

Mr. Rajabu – Head of IT department – Natkern Company Ltd | +255 769 217 205

Mr. Benny – Settlo consultant | +255 628 848 935
Madam Helen – Nebo Consultant | +255 717 743 350 | nahelna@gmail.com