ALANUS KAJARA

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https://alanus-portfolio.netlify.app/

Summary

Software engineer with a good background in electrical and telecommunication industry helped my last employer(as project manager) to raise her company grade to the first Class grade as per Tanzania electrical and telecommunication companies grading system, achieving all of that through successfully managing three big Engineering projects that were implemented country wide.

Skills

- Next.js, Typescript
- React & React Native
- HTML, CSS and Javascript
- Node.js
- MongoDB, Mongoose, MySql
- Tailwind
- Responsive/Mobile design
- GraphQL, REST API
- GIT & JIRA

- Project management
- Problem solving
- Critical thinking
- Time management
- Communication
- Organization
- Leadership
- Flexibility
- Teamwork

Experience

ZEROMOJA, Dar-es-salaam-Tanzania - *Full-Stack Developer*

SEPTEMBER 2022 - PRESENT

- Current developing a mobile ecommerce selling app for both ios and android users using REACT-NATIVE, TYPESCRIPT, PRISMA, FASTIFY Tech-stack
- Participated in designing and decisions of the general app architecture.
- Participated in research for the market needs and proposed appropriate solutions.
- Developed a full-stack application using NEXJS with TYPESCRIPT along with a comprehensive CRUD AI Prompt sharing system utilizing MONGODB database and implementing NEXTAUTH authentication https://project-promptopia-kxyl387rt-alanus-projects.vercel.app/

CLICKPESA, Dar-es-salaam-Tanzania - *Front End Developer*

JANUARY 2020 - SEPTEMBER 2022

- Developed online Ecommerce selling platform using REACT, Nextjs, graphQl, and REST API.
- Developed and Completed UI of an online sender-app as per designs (both desktop and mobile) from Product Manager
- Researched, designed, developed and implemented a Loan repayment system (zm-credit app) using REACT framework.
- Participated in introducing REDUX architecture in a Project supervision tool app to manage components states and hence improve performance

POMY ENGINEERING CO. LTD, Dar-es-salaam-Tanzania - *Project Manager*

DECEMBER 2017 - JANUARY 2020

- Successfully tendered for AE/008/2016-17/HQ/G/10 LOT10 project and achieved the following:
- Surveyed and designed 277.87km of Medium Voltage line network, 265.64km of Low Voltage line
- Supervised installation works of both MV (277.87km) and LV (265.64km) line networks in 61 villages of Tabora Region.
- Managed site materials and equipment for more than 10 teams of 20 people each.
- Provided technical advice and solved all problems on site.
- Planned logistics and coordination of materials to site.
- Supervised and counseled junior staff & trainee engineers
- Successfully electrified all 61 villages with installation of 104 (50KVA) transformers with more than 1500 customers connected

POMY ENGINEERING CO. LTD, Dar-es-salaam-Tanzania - *Project Engineer*

MAY 2015 - DECEMBER 2017

- Assisted in tendering for ACRACCS/TANREL/TENDER/WORKS/16-02 Lots 1, 2,3,4 & 5 project ie. Hydroelectric Energy for 20 Isolated Rural Villages in Ludewa District, Tanzania.
- Conducted site survey to establish scope of work and work program for the project.
- Supervised and monitored job done by Technicians at site.
- Monitored work in progress and managed to finish before time.
- Identified and troubleshoot root causes of technical faults.
- Successfully distributed 143km of MV network and 93.5km of LV network with 4200 user connections

SIHEBS TECHNOLOGIES, Dar-es-salaam-Tanzania - *RF Engineer*

JANUARY 2014 - MAY 2015

- Surveyed, designed, Installed and commissioned indoor 2G/3G repeaters in more than 20 selected key sites of Tigo Customers in Tanzania.

TECHNOIMAGE CO. LTD, Dar-es-salaam-Tanzania - *Telecoms Engineer*

JANUARY 2013 - JANUARY 2014

- Installed various software to customers e.g Operating Systems, Microsoft office suite, etc.
- Installed several hardware to customers e.g. CCTV, PABX and conference systems.
- Configured and maintained customers LANs and WANs.
- Helped customers to solve problems with software and hardware.
- Advised customers what software, technology or equipment to purchase.
- Repaired damaged and malfunctioning equipment.
- Provided end-user training and technical support to customers.

MAKTECH TELECOMMUNICATIONS, Dar-es-salaam-Tanzania - *Fiber Optics Engineer*

JULY 2012 - JANUARY 2013

- Maintained Dar Metro – Dodoma Fiber Network project of Vodacom Clients

EDUCATION

University of Dar-es-salaam, Tanzania - *Bachelor of Science (Hons) in Telecommunications Engineering*

SEPTEMBER 2008 - JULY 2012