Ismaili Mohamedi
Software Engineer

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linkedIn Profile

github profile

codementor.io

stackoverflow

CAREER SUMMARY

Thinking **"out of the box"** to provide software-based solutions.
Strong problem-solving skills. Expert in **Python, Javascript, PHP, and Go Lang with database analysis and design**. Skilled on Web-Based system Development, Artificial Intelligence Technologies and cloud computing technologies. Strong written and verbal communications.Passionate about learning new technologies because I believe that **"The future is not about my current skills but is all about willingness to learn new things"**. Highly focusing on **Artificial Intelligence and Automation** technologies.

WORK EXPERIENCE

System Developer   **Tanzania Revenue Authority (TRA)**
May 2022 -
Responsible for System Development

System Developer   **Ministry of Health (Tanzania)**
May 2021 - May 2022   - Contract

Responsible for System Development both Frontend and Backend Development of Health Care Systems includes Artificial Intelligence based Systems.

Technologies used: Frontend { Angular, Vue js} **Backend** {Python-Django, Java, C#, Javascrip - Node js}

Software and Cloud Engineer   **ShuleSoft**
Jun 2020 - May 2021

Responsible for System development as well as management of cloud infrastructure, meaning building, testing and maintaining server applications and infrastructures. Design, Configure, Upgrade and Manage servers (cloud) infrastructure and all software available in servers.Also focusing on quality software best practices and an open eye to bring latest and effective technologies in the team.

Technologies used:

PHP | Python | jQuery | Laravel | HTML/CSS | PostgresSQL | Git | Docker

Full-stack Software Developer   **Hookit Company ltd**
2019-2020

Responsible for System analysis and design, System development(Coding), Deployment of the system, Managing Cloud infrastucture (Cloud Servers).System Testing based on Test Driven Development (TDD). Data analysis for Prediction and sustanability of Business. Developing RESTful APIs for both web based and mobile App development.

Achievements:

The are number of achievements during all of my time as Software Engineer at Hookit company ltd as follows: Development and deployment of Tanzania Red Cross Society Membership Management System - **TRCSMMS**, Development and deployment of other systems like: **StaffBook** , **Proline** , **Fleeta**

Technologies used:

React | Java | Django | MongoDB | Bootstrap | PostgreSQL | Spring boot | Docker

Freelance Software Engineer   **Freelancing**
2017-2019

Worked directly with various customers for software development services. I was responsible for full development of the systems (software) both Frontend and Backend for web based systems. and achievd to Release Systems which impact the community such as Collaborative Requirement Engineering System (CORES) link: **CORES**

Technologies used:

Go Lang | React | MongoDB | HTML/CSS | FastAPI | DRF | Python | MQTT

SKILLS & TOOLS
Frontend

JavaScript

React Js

Angular Js

Backend

Python/Django

Python/Starlette (FastAPI)

Go Lang

Databases
PostgreSQL

MySQL

MongoDB

SDLC Methodologies
Agile/SCRUM framework

Iterative

Others

DevOps | Git | Unit Testing | Pytest | RabbitMQ
MQTT | Pyspark | REST | IOT | Jenkins

EDUCATION

BSc. Information communication Technology with Management
Mzumbe University -Tanzania
2016-2019

High School
Songea Boys -Tanzania
2014-2016

LANGUAGE

Swahili (Native)

English (Professional)

INTERESTS/HOBBIES

Reading Technological Books and articles
Adventure (Park Tours)
Swimming

REFEREES