

ANGELA WILLIAM

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EDUCATION

The Institute Of Finance and Management Dar es salaam, Tanzania

2018 - 2021

Bachelor of Science in Information Technology - Computer Science and Engineering

Courses: Object-Oriented Programming, Operating System, Data Structure and Algorithms, Database Management

SKILLS

Software Engineer/Data Analyst

Languages : Java, JavaScript, Kotlin, TypeScript, Python, Jetpack Compose, SQL, Bash

Frameworks : React JS, Django, Laravel, Next.Js, Node.Js, Express.Js, Docker, TensorFlow, Pytorch, Keras

Tools : Git, GitHub, Postman, Android, AWS, BitBucket, Figma

Databases : MongoDB, PostgreSQL, MySQL, Firebase

Platforms : Linux, Windows, Android Studio, VS Code, Ubuntu, Google Cloud, Jupyter Notebook

EXPERIENCE

Frontend Engineering Intern

July 2022 – Sep 2022

Serenity Medical Service

Unguja, Zanzibar

- Enhanced user experiences of Serenity Medical Service by resolving bugs & reduced load time by 40%. Built Analytics portal using React Js with seamless interaction of REST APIs using AXIOS optimized with React Query. Refactored previous code to TypeScript, updated with new dependency and integrated Vite with Jest for Unit Testing.
- Tech Stacks-** JavaScript, TypeScript, Node Js, Axios, React Js, Next Js, Rest API

Full stack Engineering Intern

Jul 2023 - Sep 2023

Souled

Dar es salaam

- Built Frontend with ReactJS, created High level Design and Figma design. Built Backend with GraphQL and Node JS and connected with MongoDB - Reducing API calls by 20%. Dockerized and automated with Kubernetes & Jenkins CI/CD deployed in AWS-EC2 added Prometheus & Grafana for monitoring.
- Tech Stacks-** Django, TypeScript, ReactJs, Docker, NodeJs

PROJECTS

Podstream - Podcast Streaming Application ([Code Link](#))

Apr 2023 - May 2023

- Developed a full-stack web application that allows users to search for, play, and pause their favorite podcasts on demand and create podcasts, optimizing team efficiency and communication.
- Technologies used: React JS, Node JS, MongoDB, Firebase, Nodemailer**

Brain Tumor Detection using Machine Learning([Code Link](#))

Jan 2023 - Mar 2023

- Preprocessed and augmented the dataset to improve model accuracy to 99.2%, trained the model, created API using model and Python, and used React web app for the project's front end.
- Technologies used: Python, Keras, TensorFlow, VGG16 architecture, Pickle, React**

Vexa - Project Management Application ([Code Link](#))

Oct 2022 - 2024

- Developed a project management app that helps users and teams stay organized and on track and team building.
- Technologies used: React Js, NodeJs, Mongo Db, Express Js, Nodemailer**

LEADERSHIP

Software Developer Students Club (SIIT)

Web Devs Team Lead- Leading the Team, hosted study jams with the team for website development practices and deployment.