

# ANGELA WILLIAM

+255 78 5997 736 ◇ Dar es salaam, Tanzania

[eng.angelawilliam@gmail.com](mailto:eng.angelawilliam@gmail.com) ◇ [LinkedIn](#) ◇ [Portfolio Website](#) ◇ [Github](#)

## EDUCATION

**The Institute Of Finance and Management** Dar es salaam, Tanzania 2018 - 2022  
Bachelor of Science in Information Technology - Computer Science and Engineering, GPA: 3.59  
Courses: Object-Oriented Programming, Operating System, Data Structure and Algorithms, Database Management

## SKILLS

**Languages :** Java, JavaScript, Kotlin, TypeScript, Python, Jetpack Compose, SQL, Bash  
**Frameworks :** React JS, Django, React Native, 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

**DevOps & Fullstack 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

**Google Developer Students Club (KIIT)**

**Android Team Lead-** Leading the Android Team, hosted study jams and hackathons with the team

**CodeGalaxy Hackathon Winner-** Lead a team of 4 members and practiced agile methodologies and brainstorming.