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ABOUT

I love innovative technology, visionary technology to be specific, but that's just a tip of the iceberg on what really defines me. I'd love to describe myself as an ambitious tech savvy, problem solver, results driven, effective communicator and collaborative software engineer, inquisitive of the things that really matter and most importantly empathetic on all aspects. It is my strong belief that software innovation and development is not only a matter of mastering the art but more of a collaborative effort involving a solid team work effort.

I offer more productivity, proactivity and innovation to your company. This is my passion, I'd bet nothing beats passion, not even talent.

Education

Primary Education

2004 - 2015: Radienya primary school

Subjects done: Mathematics, English, Kiswahili, Science, Social Studies

Certificate earned: Kenya Certificate of Primary education

Grade Attained: A (plain)

Secondary education

2016 - 2019: Starehe Boy's Centre and School

Subjects done: Computer studies, Mathematics, English, Kiswahili, Geography, Chemistry, Biology, Physics.

Certificate earned: Kenya Certificate of Secondary Education

grade attained: B+ (plus)

Computer grade: A (plain)

University education

2020 – 2024: Kisii University

Course pursued: Software Engineering

Units taken: Software Development best practices, web development, web application programming interfaces, web security, cyber security, algorithms and data structures, calculus I & II, project management, mobile app development, desktop app development, Internet of things, Machine Learning and AI

Certificate: Bachelor's Degree in Software engineering

PROFESSIONAL SKILLS

Programming languages: JavaScript, C# (Sharp), Golang

Professional fields: web app development, desktop app development, cloud computing, web design, web application programming interfaces, web security, prototyping, product and graphics design

Web Technologies used : JAVASCRIPT, REACT, HTML, CSS, SASS, LESS, NODEJS,

Web frameworks: Express-JS, Django, .NET, ASP.NET

Databases in Use: MySQL, MongoDB, SQLite, MSSQL, MariaDB

Live Apis used: Google Apis, Facebook Apis, Safaricom Daraja Apis

Graphic design tools used: Figma, Adobe Illustrator

Version Control systems: Git

Software Development Practice: Agile, Scrum

Soft skills: Effective communicator, result-driven collaborator

EXPERIENCE

Job title: full stack developer

Company: Dala Fm Kenya

Location: Kisumu, Kenya

Duration: 2 years (2022 - 2024)

Achievements

- ✓ Developed a modern intuitive graphical user interface in Dala Fm website
- ✓ Developed an object-oriented fast database management system in Dala Fm website
- ✓ Enhanced their website's security
- ✓ Innovated Dala Fm's virtual video and audio streaming capabilities

- ✓ **Built a blogging online system for Dala Fm**

CASE STUDIES

GitChat

Project description

Git Chat is simply a web chat app that leverages collaboration and chatting for the software developers.

It brings in the gist of live collaboration with video and audio streaming as well as the fun of live chats while coding. It has a fun room whereby people can have short breaks or short discussion rooms with one another while coding. The beauty of it all is you code in the perfect environment that suits you, we have a music plugin section whereby you simply connect your playlist with our app and ours is just to play you the music how you want it and pause it whenever there's important updates or serious projects, to avoid distraction.

It enhances developers' productivity by enabling them to be working on a single piece a time together. Its an app created by the modern-day developer for the modern-day developers.

Roles

- ✓ Lead software engineer
- ✓ Full Stack Developer
- ✓ Frontend Developer
- ✓ Backend Developer
- ✓ Products designer
- ✓ Graphics Designer

Technologies used

- ✓ JAM stack
- ✓ GRAPHQL, Apollo, GIT, Redux, React,
- ✓ Prototyping and product design with Figma

Tools used

Figma, Visual Studio Code, Git, Git Hub, NPM

Languages used

JavaScript, Html, CSS

Runtime Environments

Web browser, Nodejs

Market / Audience

Developers, students, collaborators, business leads and strategists

InspireMe

Project description

InspireMe is an inspirational website intended to fill in the gap of motivation and inspiration for different career paths and passions.

We offer inspiration to all career paths and passions through offering professional personalized mentorship and guidance.

We have a collection of talks and recorded audios of various professionals in all the fields as well as written motivational top-rated books for the various professions.

As a program follow-up we have a project support system whereby we verify your projects validity and connect you or help you look for a sponsor or investor to help you take your project to the next level.

Roles

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Tools used

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Languages used

JavaScript, Html, CSS

Runtime Environments

Web browser, Nodejs

Market / Audience

General audience.

CLIENT PROJECTS

Colour studios

Project description

Colour studios is an upcoming photo shoot studio based in Kenya that deals in professional state of the art photo shoots.

Colour studios needed a way to reach their wider audience and their vast market through an online e-commerce system with an intuitive but seamless UI/UX experience for their customers

Roles

- ✓ Full stack Developer

Technologies and tools used

- ✓ Nextjs , Nodejs,
- ✓ GIT, Redux, React, Tailwindcss
- ✓ Postgresql , vercel
- ✓ Git, npm

Languages used

JavaScript, Html, CSS, Typescript

Runtime Environments

Web browser, Nodejs

Market / Audience

The general public, cooperations and companies

Live link url

Colour-studios-rogetzs-projects.vercel.app

What-she-wears

Project description

What she wears is a thrift store that aims to reach a wider market through the internet.

It aims to provide a cheaper access to classy clothing and targets the middle class in the society with a sharp focus on ladies with taste.

Roles

- ✓ Full stack developer

Technologies and tools used

- ✓ Nextjs , Nodejs,
- ✓ GIT, Redux, React, Tailwindcss
- ✓ SQLite , vercel
- ✓ Git, npm

Languages used

JavaScript, Html, CSS, Typescript

Runtime Environments

Web browser, Nodejs

Market / Audience

Ladies

Live link url

whatshears.vercel.app

IChange

Project description

I-change is a non-profit organization based in Kenya that deals in environmental conservation and mental health awareness.

I-change offers mentorship to high school students as well as seasoned charity fairs for needy students.

I-change organizes events for the general as well as the students to participate in collective green energy conservation through planting of trees.

This site primarily is a pivotal way to reach the masses

Roles

- ✓ Full stack developer

Technologies and tools used

- ✓ Nextjs , Nodejs,
- ✓ Redux, React, Tailwindcss
- ✓ Postgresql , vercel
- ✓ Git, npm

Languages used

JavaScript, Html, CSS, Typescript

Runtime Environments

Web browser, Nodejs

Market / Audience

Students and the general public

Live link url

i-change.vercel.app

Dala fm

Project description

Dala fm is a local kenyan vernacular radio station airing in the Luo language.

It aimed to get a more inclusive platform for features such as streaming and privileged access of the different employees directly from their site

Roles

- ✓ Full stack Developer

Technologies and tools used

- ✓ Nextjs , Nodejs,
- ✓ GIT, Redux, React, Tailwindcss
- ✓ Sqlite
- ✓ Git, npm

Languages used

JavaScript, Html, CSS, Typescript

Runtime Environments

Web browser, Nodejs

Market / Audience

The general public

Live link url

dalafm.vercel.app

Online Certificate Earned

Certificate Name: Google Cloud Certificate
Program Duration: 6 months
Issuing Organization: Google Africa Developer Scholarship Program
Date earned: March 20 2023

Code Reference

I have all my codes on my git hub. They are all named according to the names of the project and you can easily follow along as working proof of all the projects that I've stated.

The link to my GitHub: [**www.github.com/Rogetz**](https://www.github.com/Rogetz)