Davies Maina

Portfolio website
github.com/davies-maina
+254713056225
daviesmaina@outlook.com

EXPERIENCE

The Totem Studio, Mombasa, Kenya (Hybrid) — *Senior Software Engineer*

Aug 2021 - PRESENT

- Build, style, and ship high-quality websites, design systems, mobile apps, and cross-platform digital experiences for diverse clients using technologies such as JavaScript, TypeScript, Vue/Nuxt js, CSS, Flutter, and more.
- Implemented Redis cache in Node js for storing and distributing authentication tokens among internal microservices, reducing the load on downstream authentication services.
- Built and maintained a microservice backend with Node js for facilitating drone details, leveraging RabbitMQ as a message broker for inter-service communication.
- Overhauled the queuing strategy by implementing a series of pre-validation steps, significantly reducing the messages routed to the RabbitMQ dead letter queue by a factor of ten.

Value Villages, Turkana, Kenya (On-site) — *Developer*

Apr 2020 - Jun 2021

- Worked with Firebase Authentication and Firestore security rules, cloud storage, and connecting Firebase to JavaScript web applications.
- Crafted Restful APIs with Node js with clean architecture then devised corresponding test code and consumed them with a vue/Nuxt 3 client.
- Spearheaded company-wide accessibility initiatives such as creating documentation for best practices, establishing a standard accessibility checklist for developers, and facilitating knowledge shares.
- Developed, maintained, and shipped production code for client websites primarily using HTML, CSS, Sass, JavaScript, and jQuery.

Tisapps, Nairobi, Kenya — *Junior Software Engineer*

Oct 2018 - Apr 2020

- Developed, maintained, and shipped production code for client websites primarily using HTML, CSS, Sass, JavaScript, and jQuery.
- Performed quality assurance tests on various sites to ensure cross-browser compatibility and mobile responsiveness.

Startup Lions/Roar Coders, Turkana, Lodwar, Kenya — *Junior Web developer*

Sep 2015 - Aug 2018

- Built and delivered technical solutions according to stakeholder business requirements.
- Collaborated with designers and other developers to ensure thoughtful and consistent user experiences across websites/web apps.

EDUCATION

Tunapanda Institute - Software Engineering Bootcamp

Completed a software engineering boot camp, gaining a solid foundation in software development principles and practices, and acquiring practical experience and fundamental skills in modern programming languages.

SKILLS

Programming languages

Dart, JavaScript (ES2015+), TypeScript, HTML, CSS, Sass.

Libraries & Frameworks.

Vue 3, Nuxtjs, Flutter, Node.js,Express, Tailwind CSS.

Tools & Platforms

Git, GitHub, Vercel, Algolia, Pinia, Firebase, Google Cloud Platform, MongoDb, Mongoose, Redis, RabbitMQ, Molecular, Kafka.

SELECTED PROJECTS

Admin Panel for Pest Control Company

Developed an admin panel to manage employees and track their daily earnings based on completed work. The system provides comprehensive statistics and insights, enhancing operational efficiency and decision-making. Built with Nuxt 3, node js, and firebase.

Tucusa-Student Platform

Developed a comprehensive portal that collects and analyzes student data to suggest suitable scholarships and bursaries, serving over 1k+ students in Northern Kenya. Built with Nuxt 3, node js, and firebase.