

James Shisiah

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Summary

I am a passionate and experienced individual with a strong background in technology, holding a Computer Science bachelor's degree and over six years of professional experience in software consultation and engineering. My expertise lies in web and mobile app development, along with a keen interest in information security. I have honed my skills in a wide range of technologies, from web development frameworks like Laravel and Vue to programming languages such as TypeScript, PHP, Kotlin, and a bit of DevOps.

Experience

Fullstack Software Engineer

Mjoo GmbH

Jul 2022 - Present (1 year 5 months)

Part of a team working on a set of software and web apps for the MJOO platform.

Technologies used:

- Laravel and PHP for the backend APIs.
- Vue for the front end.
- TypeScript.
- JavaScript.
- BootstrapVue.
- Vuetify.
- Pinia.
- MySQL.

Full Stack Software Consultant

Zimele Asset Management Ltd

Nov 2020 - Present (3 years 1 month)

Currently responsible for developing the ChamaManager Web App (<https://www.chama.zimele.co.ke>), Jisort Portal Web App (<https://jisort.zimele.co.ke>), and Mobile App.

Previously developed and deployed the client portal web app (<https://portal.zimele.co.ke>), and an in-house Customer Service system.

Technologies Used:

- Laravel - for backend APIs.
- Vue.js (with Quasar components) for the front-end.
- Deployed with Nginx on Ubuntu 20.04 server.
- GitLab Version Control.
- GitLab CI/CD, Docker, Laravel Envoy, PHP Unit Tests, for continuous integration.
- Kotlin with JetPack Compose for the Android mobile app.

Third-Party services include

- MPesa Integration for Account Top-up.
- Africa's Talking SMS gateway.
- SmileID for Identity Verification.

Full Stack Software Engineer

Mjoo GmbH

Jan 2021 - Jan 2022 (1 year 1 month)

I was part of an exciting tech team from Germany working remotely on a web-based Video Ads Editor Platform running on top of automated video creation APIs (<https://vidflare.io/>)

As a full-stack developer, I used the following technologies in my daily tasks:

- Laravel - for backend APIs.
- Vue.js (with Bootstrap Vue components) for the front end.
- GitHub Version Control.
- Laravel Envoy for continuous integration.
- AWS S3 storage for media and static assets.

Full Stack Software Consultant

Roamtech Solutions Limited

Aug 2019 - Dec 2020 (1 year 5 months)

I was part of a highly innovative tech team. Working on disruptive technologies across the financial, gaming, and telecommunication space. (<https://emalify.com/>)

The technologies we used include Laravel PHP, Vue.js, Google Cloud (App Engine and Compute Engine), and GitLab.

Technologies used:

- Laravel - for backend APIs.
- Vue.js (Nuxt.js, with Element UI components) for the front end.
- Google Cloud (App Engine, Compute Engine, GCS)
- GitLab Version Control.
- GitLab CI/CD, Docker, Laravel Envoy for continuous integration.

Third-Party APIs:

- Mpesa APIs.
- AfricasTalking SMS GateWay.
- Roamtech Bulk Airtime Disbursement.

Fullstack Software Engineer

Libryo, an ERM Group Company

Oct 2019 - Aug 2020 (11 months)

Was part of an innovative tech team from South Africa, working remotely on an interesting web application disrupting the Legal Tech industry. (<https://my.libryo.com/login>)

Technologies used:

- Laravel - for backend APIs.
- Vue.js (with Quasar components) for the front-end.

- GitLab Version COntrol.
- GitLab CI/CD, Docker, Laravel Envoy for continuous integration.
- AWS S3

Freelance Android Developer

My Mookh

Jan 2016 - May 2016 (5 months)

Developed the ticket point of sale and ticket validation Android app for My Mookh.

Technologies used:

- Native Java for Android.
- XML
- Laravel APIs for Server Side processing.

Education



University of East London

Master of Science - MS, Information Security and Digital Forensics

May 2022 - Dec 2024

Finding vulnerabilities in systems, figuring out how to secure them, and advising stakeholders on security measures to keep their organization's data safe in this data-driven world is my next goal.

Masinde Muliro University of Science and Technology

Bachelor's degree, Computer Science

Feb 2012 - Dec 2015

Major in Software Engineering.

Licenses & Certifications



Africa Tech Challenge - AVIC International Holding Corporation



Android Jetpack Compose: The Comprehensive Bootcamp [2022] - Udemy

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Skills

Ubuntu • Android Jetpack • Pinia • Node.js • Kotlin • Gitlab • DevOps • Laravel • Bootstrap • Vue.js