Vincent Mugambi

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SUMMARY

I am a talented software engineer interested in the development of mobile & web applications, distributed systems and cognitive services. I have four years of experience building web mobile applications, collaborating in cross functional teams and creating value using technology.

SKILLS

- Programming using TypeScript (Node.js, React, Vue), PHP (Laravel), and Kotlin (Compose)
- Data modeling (MySQL and Mongo), analysis, backup, and security
- Developing, documenting and consuming RESTful APIs
- Designing, building and integrating event driven services
- System planning, architecture, design(OOP), and analysis
- CI/CD with tools like Github workflows and Docker
- System testing, debugging, tracking and monitoring
- Collaboration using Git and business tools like Slack and Jira

EXPERIENCE

Participate Learning   **Nairobi, Kenya**
Full-Stack Engineer   *Nov 2022 to Now*

Built pamoja.club, a cross platform app to plan, manage and fund-raise for community events.

- Outline, prioritize, schedule and scope software specifications
- Plan, design and develop the pamoja.club mobile application from scratch
- Integrated Mpesa, Zoho using fault tolerant, secure and scalable microservices

Tools: TypeScript, Neo4J, Postgres, React , Xstate, Remix, Graph QL, Tailwind CSSAzure Orchestrators

I built the lipia.net mobile app, a simple way to buy airtime for all networks in Kenya

- Design an implement discount, cashbacks and referral services
- Integrate Mpesa and Equity bank's Jenga API

Tools: TypeScript, Remix, React, Redux, Ionic, Tailwind CSS, SQLite, Cloudfare workers

Adanian Labs   **Nairobi, Kenya**
Full-Stack Engineer   *Aug 2021 to Aug 2022*

moovebeta.com was a mobile app that allowed cross-border money transfers.

- Designed, built, documented and deployed the APIs that powered it.
- Integrated Flutterwave, Mpesa, Airtel Apis.
- Lead a team of three engineers to ship a Fintech application built from scratch

Tools: TypeScript, NestJs, Azure VM, Docker, Postgres, Swagger OpenAPI, Java Springboot

Adalabs Adapay is a payment aggregator used by Startups in the Adanian Labs Accelerator.

- Monitored the application, fixed bugs on request.

Tools: Azure Monitor, PHP Laravel, MySQL, VueJs, Java, Tailwind CSS

Deveint   **Nairobi, Kenya**
Full-Stack Developer   *March 2021 to Jun 2021*

- Built an app to manage subscriptions to the Botswana Stock Exchange.

Tools: PHP Laravel, VueJs, Vuetify, Vuex, Bootstrap,

Mountain Hike Safaris   Nairobi, Kenya
Web developer and IT helpdesk   *March 2018 to Nov 2020*
- Built an internal application to manage, track and print branded invoices.
- Made the company's first website.
- Maintained hardware and software
- Trained staff to use the Amadeus reservation software

Tools: Postgres, TypeScript. NuxtJs, Netlify, Vuex, JQuery, Bootstrap

Safaricom   Nairobi, Kenya
Technology Intern   *Nov 2017 to Feb 2018*
- Part of a team that designed a deaf assistant glove that won the internal innovation challenge

Kenya National Bureau of Statistics   Nairobi, Kenya
Data Analyst Intern   *May 2017 to Aug 2017*
- Analyzed government education statistics data using *SPSS*.
- Consolidated budgets from all KNBS county offices.

CERTIFICATIONS

Microsoft Azure AI Engineer Associate   *June 2024*

EDUCATION

Maseno university   Kisumu, Kenya
Bsc. in Mathematics and Computer Science (2nd class Honors – upper)   *Sep 2013 to Dec 2017*

In my final year I created [an application to run online surveys](#) using *React, Node and Mongo*

Murang'a High School   Muranga, Kenya
KCPE (A-)   *Feb 2009 to Dec 2012*

INTERESTS

I'm an avid reader and writer. I am always improving the way I think and act. I occasionally blog at [vinmugambi.github.io](#) and [mougambi.mataroa.blog](#). I enjoy skating with friends and spending time with family.