

# Andrew Lema

## PROFILE

Accomplished engineering leader with over 9 years of experience in designing, developing, and deploying exceptional mobile and web applications using React, React Native, Django, WordPress and Android. Proven track record of effectively hiring, mentoring, and managing engineers, while establishing a collaborative work environment. Spearheaded the engineering efforts for a startup that introduced a highly successful mobile app, which garnered over 50,000 users within 4 years.

## EXPERIENCE

### ENGINEERING LEAD, KANZU CODE, KAMPALA – 2024 - PRESENT

- Lead foreign projects team delivering on international projects sourced on Codeable e.g. [nowyouknowpsych.com](http://nowyouknowpsych.com), [bigbrainenglish.com](http://bigbrainenglish.com)
- Supervise and mentor junior and mid level WordPress developers ensuring that they deliver on projects in a timely manner
- Scope and estimate foreign projects and provide technical guidance on project proposals
- Provide a bridge between engineering team and project stakeholders often meeting with clients to conduct demos, answer questions and provide support.

### CEO/CTO, EASY MATATU, KAMPALA – 2019 - 2024

- Spearheaded mobile app development using React Native, cutting development time by more than 50%
- Architected backend infrastructure by designing Django REST APIs and deploying secure automated AWS & GCP cloud infrastructure
- Managed \$1000+ monthly cloud infrastructure costs on AWS, GCP and Azure powering several micro services
- Pioneered in-app integrations with mobile money providers, enabling cashless transactions and driving 5% of revenue
- Established agile scrum practices for a 6-person engineering team, doubling team productivity
- Hired and mentored engineers in React Native, Django, AWS, and Agile best practices

### SENIOR SOFTWARE ENGINEER, KANZU CODE, KAMPALA – 2016 - 2019

- Transformed design blueprints into bespoke WordPress themes on sites like [echwalu.com](http://echwalu.com)
- Implemented custom plugins that integrated with popular free and proprietary plugins like WooCommerce e.g. [kasha.co.ke](http://kasha.co.ke)
- Led engineering team of 4 developers and guided their professional development through code reviews and mentoring

- Developed an Android app that integrated with Django REST API and deployed to sales agents in multiple countries

## **EDUCATION**

Kampala International University, Kampala – Bachelors of Information Technology, 2016

Udacity - Mobile Web Specialist - 2018

## **SKILLS**

- PHP/WordPress
- Javascript/Gulp
- Git
- HTML5/CSS/SASS
- RWD
- REST

## **AWARDS**

Recipient Google Developer Challenge Scholarship 2018