



# JOSEPH OLUNGA BARASA

## Full Stack Developer

### PROFESSIONAL SUMMARY

I'm a proficient software developer with solid experience in full-stack development using Go, React, Laravel, Flutter, PostgreSQL and MariaDB. My expertise has been shaped through intensive practice, online learning programs and active engagement with global developer communities. I excel in designing scalable, performant and maintainable systems that align with modern software engineering principles. While currently holding a high school certificate, I'm committed to advancing my formal education and continually evolving as a developer through professional collaboration and lifelong learning.

### CONTACTS

**Location:** Nairobi, Kenya

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### CODE LANGUAGE

- Go (Golang)
- React
- React Native
- Flutter
- Laravel
- React Router
- SQL

### EDUCATION

#### Kenya Certificate of Secondary Education

Friends School Bokoli Boys School

**Year:** 2017

### SKILLS

- \* Coding
- \* Problem Solving
- \* Mobile Dev
- \* Web Dev
- \* Good Communication

### EXPERIENCE

#### Freelance Software Developer

April 2023 – Present | Remote

1. Designed and developed full-stack web applications and tools using Go, React, Laravel, Flutter and PostgreSQL.  
Below are some of the applications am continuously developing:-
  - a) My portfolio JBARASA which I use to manage my personal and community projects. - Public repository built with React
  - b) A simple chat application that enables you to chat, create group chats with random people near you – Private repository built with Fiber (Go) and PostgreSQL for the backend serving RESTful APIs, React Router V7 for web and React Native CLI for mobile app, SeaweedFS for object storage.
  - c) A simple inventory management application. - Public repository built with Laravel and InertiaJS React(Full Stack)
  - d) A bulk configurable email sending platform. - public repository built with Laravel and InertiaJS React (Full Stack)
  - e) An online marketplace that enables users to buy and sell products seamlessly -Private repository
  - f) A social media application. - Private repository
2. Implemented RESTful APIs, authentication systems and optimized backend performance for scalability.
3. Collaborated with a few online developer communities to solve complex challenges and share refined solutions.
4. Deployed and maintained applications on VPS using Nginx
5. Continuously exploring new technologies and approaches to improve system performance and code maintainability.

## LANGUAGES

English  
Swahili

## ICT Support Technician

November 2018 – January 2020 | Reliance Protection Services LTD

1. Provided technical support for computer hardware, software and networking systems resolving daily IT issues efficiently.
2. Installed, configured and maintained operating systems, network devices and application software.
3. Assisted colleagues with troubleshooting system updates, data recovery and performance optimizations.
4. Managed local area networks (LANs) and ensured data backup and security compliance.
5. Collaborated with management to improve system reliability and digital workflows.

## Key Achievements

- a) Reduced recurring issues my fellow colleagues faced by fellow colleagues documenting solutions and automating common fixes.
- b) Suggested and participated in creating an employee tracking application for the security personnels.
- c) Helped integrate digital tools (e.g CCTV monitoring, Alarm System Monitoring)