

# Abdifatah Osman

abdifatahosman.dev@gmail.com

+254713704126

Nairobi, Kenya

## Summary

Resourceful and self-motivated Full-Stack Web Developer with over 4 years of experience in diverse programming environments. Adept at learning and adapting to new technologies, evidenced by a comprehensive portfolio of innovative projects. Specializes in developing high-performance web applications and services, with a focus on both front-end and back-end technologies.

## Professional Experience

### Full Stack Web Developer

GreyEdge Technologies • Nairobi, Kenya

01/2021 - 10/2023

- Orchestrated the complete redevelopment of greyedge.org, boosting the site's functionality and user engagement.
- Integrated sophisticated satellite and drone management tools, increasing operational efficiency by 30%.
- Achieved a 40% surge in web traffic through user-centric design and SEO optimization.
- Ensured optimal cross-platform performance, leading to a 25% increase in mobile accessibility.
- Facilitated agile development processes, liaising with multidisciplinary teams for strategic alignment of web functionalities.
- Regularly updated and maintained site features, focusing on security, performance, and cutting-edge technologies.

## Key Projects

### [ObsidianGitSync](#)

- Pioneered a C++ based background daemon service for Linux, addressing the challenge of syncing Obsidian notes to Git repositories on Android.
- Planning future integration to Android using Kotlin and JNI, enhancing cross-platform functionality.
- Garnered positive open-source community engagement by offering a unique solution to Obsidian users.

### FirePass (In Development)

- Initiating a browser extension project with a self-hostable backend, using Apollo Server and PostgreSQL.
- Focusing on user-friendly design for managing passwords and browser sessions.
- Implementing robust security measures to protect user data and ensure privacy.

## Technical Skills

- Languages: JavaScript, TypeScript, GoLang, Dart, C++, Kotlin
- Frameworks/Libraries: React, Node.js, GraphQL, Flutter, Apollo
- Databases: MongoDB, PostgreSQL
- Tools: Git, Docker, Webpack, Jest
- Web Design: Responsive Design, Material UI, Bootstrap
- System Administration: Linux Servers, Kubernetes, Microservices

## Education

Self-Taught Programmer

4 Years of Hands-on Experience in Software Development

---

## Languages

- English (Fluent)
- Kiswahili (Fluent).