

SHIFA OSMAN MUSA

FULL-STACK SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Full-stack software engineer with 2+ years of hands-on experience building, maintaining, and supporting production web applications. Strong in JavaScript, TypeScript, React, Next.js, Node.js, Express.js, MongoDB, PostgreSQL, REST APIs, admin dashboards, authentication, debugging, performance optimization, and Linux deployments. At Tabaarak ICT Solutions, I contribute to multi-country commerce and delivery products, including Waafi libso. I am also independently building ExamFlow, an online exam organizer and assessment platform.

CORE TECHNICAL SKILLS

Frontend JavaScript, TypeScript, React, Next.js, Tailwind CSS, responsive UI, RTL and bilingual interfaces	Backend Node.js, Express.js, REST APIs, authentication and authorization, sessions, validation, file uploads, WebSockets
Databases MongoDB, Mongoose, PostgreSQL, Prisma, Drizzle ORM, Redis, schema design, queries, indexes	Production Git, GitHub, GitLab, Linux, PM2, Nginx, Postman, logging, cron jobs, debugging, deployment support

PROFESSIONAL EXPERIENCE

Full-Stack Developer & Software Maintainer Tabaarak ICT Solutions <i>Mogadishu, Somalia</i>	2024 - Present
- Develop and maintain production systems across e-commerce, logistics, delivery, business operations, and digital payment workflows. - Contribute to Waafi libso, a multi-country online shopping and delivery platform with shop management, customer and delivery workflows, mobile applications, and centralized admin panels; the product supports operations across multiple countries and regions, including Djibouti. - Build and maintain REST APIs, authentication and authorization, admin and store dashboards, order and discount workflows, reports, audit logs, notifications, and scheduled background jobs. - Investigate and resolve production issues across Node.js services, MongoDB, PostgreSQL, Redis, Linux, and PM2 environments while improving performance and reliability. - Coordinate changes across admin, shop, customer, and delivery modules while preserving existing business rules and compatibility across multiple applications. - Additional product experience includes Faras, Rikaab, Dhaweeye, Waafi, and Salmpay.	

SELECTED PROJECTS

- ExamFlow | Founder & Full-Stack Developer

2026 - Present

 - Designing and developing my own online exam organizer and assessment platform for teachers, institutions, and learners.
 - Includes multi-role authentication, question banks, 20+ question types, timed exams, autosave and resume, join codes, scheduling, attendance, live monitoring, analytics, and results reporting.
 - Supports automatic and manual grading, secure exam controls, violation tracking, and scalable assessment workflows.
 - Technology: React, TypeScript, Tailwind CSS, Node.js, Express.js, PostgreSQL, Drizzle ORM, Passport sessions, WebSockets, and Redis-ready architecture.
- Waafi libso | Multi-Country Commerce & Delivery Platform

 - Professional product contribution at Tabaarak ICT Solutions covering online shops, store operations, delivery workflows, customer experiences, and centralized administration.
 - Worked across admin panels, shop portals, APIs, order flows, discounts, operational reports, audit logs, and production maintenance for deployments in multiple countries and regions, including Djibouti.
- SNU Digital Payment System | Graduation Project

2025 - 2026

 - Built a digital payment and student clearance system for Somali National University with an admin web application and mobile application.
 - Implemented secure authentication, OTP verification, QR-based clearance, transaction workflows, reporting, and administrative controls.
 - Technology: Next.js, Expo, Node.js, Express.js, Prisma, PostgreSQL, and Redis.

EDUCATION

- Bachelor of Science in Computer Science | Somali National University

Completed Mar 2026

Mogadishu, Somalia | CGPA: 3.61 / 4.00

 - Strong academic performance in Algorithms, Software Engineering, Web Development, Cloud Computing, Operating Systems, and Database Systems.

CERTIFICATIONS & PROFESSIONAL LEARNING

- MongoDB Associate Developer Certification - Node.js, earned January 2026.
- Data Structures and Algorithms in JavaScript - Udemy.
- Continuous practical learning in TypeScript, system design, production debugging, APIs, databases, and AI-assisted software development.

LANGUAGES

Arabic Native	English Professional	Somali Native
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Open to global software engineering opportunities and serious product collaborations.