ABDULKARIM ABBAS HASSAN

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SUMMARY

Software Engineer with 5 years of experience in full-stack web and mobile application development, specializing in Next.js, React, React Native, and Expo. Experienced in building and deploying production-ready solutions across invoicing, accounting, AI-powered recruitment, tourism, and business-management platforms, with hands-on experience in MySQL, MongoDB, cloud deployment, API development, QA, and UI/UX implementation. Strongly focused on building scalable, user-friendly software that solves real-world business problems.

SKILLS

- Web Frameworks: NodeJS, NestJS, ReactJS, NextJs, React Native
- Databases: MySQL, PostgreSQL, Mongo
- Programming/Scripting Languages: JavaScript, TypeScript

WORK HISTORY

Alpine Chat Adventure | *Full-Stack Developer* | Moshi, Kilimanjaro, Tanzania **October 2025 - Present**

- Developed and maintained a cross-platform invoicing application for small and medium-sized businesses.
- Integrated AI-powered voice functionality that allows users to perform selected application operations through natural-language voice commands.
- Built and maintained the product's backend and public-facing landing website alongside the mobile application.
- Developed a tourism-focused web and mobile platform to help travelers discover and book tourism experiences in Tanzania.
- Implemented trip discovery and booking workflows designed to provide customers with a smooth experience from browsing available packages to submitting reservations.
- Built and maintained backend functionality supporting tourism packages, customer bookings, and application data management.
- Developed responsive customer-facing interfaces for both web and mobile platforms.
- Contributed to creating a digital booking platform that improves accessibility to tourism products and simplifies customer engagement for the tour operator.
- Developed web and mobile applications for Chartered Accountants to manage and collaborate with clients.

Fieldfy | *Chief Technical Officer* | Kinondoni, Dar es Salaam, Tanzania **February 2025 - July 2025**

- Designed and developed up to 4 applications projects for the company.
- Participated in project meetings with technical staff members, shared common understanding, and contributed to the decision-making process.
- Diagnosed and resolved technical issues for clients, resulting in a 90% satisfaction rate with the service provided.

Internode Systems Limited | *ICT Officer* | Kinondoni, Dar es Salaam, Tanzania **July 2024 - January 2025**

- Performed setup and maintenance of computer hardware and associated devices to improve operational efficiency.
- Designed and developed the company's website.

Mzumbe University | *Software Developer Intern* | Morogoro, Tanzania **July 2023 - October 2023**

- Designed and developed a file management system used by staff at Mzumbe University.

Internode Systems Limited | *Web Developer (Part-time)* | Kinondoni, Dar es Salaam, Tanzania **June 2021 - October 2022**

- Engineered a high-performance corporate web platform utilizing Next.js, optimizing for fast page-load speeds, server-side rendering (SSR), and smooth client-side navigation.
- Served as Webmaster, executing regular site audits, managing code deployments, and maintaining overall platform health, security protocols, and uptime.
- Designed and developed responsive user interfaces, ensuring a seamless, mobile-first browsing experience across all modern devices and viewports.
- Supervised Google Search Console and Bing Webmaster Tools, proactively identifying, diagnosing, and resolving critical crawling, coverage, and schema markup errors.

EDUCATION

Mzumbe University - Morogoro, Tanzania, *BSc. ICT with Management* **2024**
Chidya Boys High School - Masasi, Mtwara, Tanzania, *PCM* **2021**
Mwandege Boys Secondary School - Mkuranga, Pwani, Tanzania, *Science* **2018**

LANGUAGES

- English - Professional Working Proficiency
- Swahili - Native / Bilingual Proficiency

WEBSITE, PORTFOLIO, PROFILES

- Portfolio: https://abdulkarim-hassan.vercel.app/
- GitHub: https://github.com/Flitchen/Flitchen