

Saidi Hamisi

Backend Software Engineer (Node.js & ASP.NET Core)
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SUMMARY

Backend-focused Software Engineer with 2.5+ years of professional experience designing and building secure, scalable, and production-grade APIs using ASP.NET Core and Node.js (TypeScript/JavaScript). Experienced in real-time systems, WhatsApp Cloud API integrations, financial workflows, multi-tenant architectures, and CI/CD-driven cloud deployments.

SKILLS

JavaScript (Node.js | Express.js), TypeScript, C# (ASP.NET Core), SQL, Next.js, PostgreSQL, MSSQL, MongoDB, Redis, AWS, Docker, Git, Nginx, GitHub Actions (CI/CD)

EXPERIENCE

DataBalk, Franschhoek, South Africa - Software Developer

August 2024 – Present

- Develop and maintain backend services for multiple production products.
- Support two products concurrently, owning shared backend components.
- Build APIs using Node.js.
- Resolve production issues and improve system reliability.
- Collaborate with cross-functional teams to deliver features under tight deadlines.

CATS-NET, Tanzania - Software Developer (Remote | Contract)

September 2023 – August 2025

- Built backend systems using ASP.NET Core for long-term production use.
- Delivered a WhatsApp-based ticketing and support platform integrated with WhatsApp Cloud API and SignalR.
- Implemented RBAC, approval flows, budgeting logic, and receipt validation.

Airtel, Tanzania - IT Executive

December 2023 – August 2024

- Monitored and supported mobile money production systems.
- Investigated critical alerts and collaborated with engineering teams.
- Gained exposure to financial systems and operational reliability.

iPFSoftware's, Tanzania - Back-End Developer

August 2022 – November 2022

- Built secure RESTful APIs using Node.js with JWT authentication.
- Automated deployments using GitHub Actions and AWS.

EDUCATION

University of Dodoma, Tanzania

Bachelor of Science in Software Engineering

2019 – 2023

PROJECTS

TCSFS- WhatsApp Ticketing & Support Platform

Production system integrating Next.js frontend with ASP.NET Core backend.

WhatsApp Cloud API integration for ticket creation and messaging.

Real-time updates using SignalR.

Link: <https://tcsfs-ui-main.vercel.app>

Ruilmijnwoning.

API development using Node.js (Express) for a housing exchange platform used by tenants and housing corporations in the Netherlands.

Link: <https://ruilmijnwoning.nl>

Catsgroup Site

Corporate website with ASP.NET Core backend and Next.js frontend.

Link: <https://catsgroup.co.tz>

PUBLICATIONS

- [Benefits of Using Caching](#)
- [Unit Testing with Supertest and Jest](#)
- [API Authentication and Access Control](#)

LANGUAGES

Swahili (Native), English (Professional)

REFERENCES

Available upon request