



KUMALO WILSON

SOFTWARE ENGINEER

CONTACT

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TECHNICAL SKILLS

Frontend

- React.js
- Next.js

Backend & APIs

- Node.js (Express.js, NestJS)
- Java (Springboot)
- Php (Laravel)
- RESTful APIs
- GraphQL

Mobile Development

- Dart (Flutter)
- React Native
- Kotlin (Jetpack Compose)

Databases

- PostgreSQL
- MySQL
- MongoDB
- Firebase Firestore

Tools & Technologies

- Git / GitHub
- Docker
- Docker Compose
- PM2
- Supabase
- Firebase
- AWS
- Mapbox / Google Maps

EXECUTIVE SUMMARY

Full-stack / systems engineer with over 4 years of experience designing and building scalable, production-grade systems across web, mobile, and backend platforms. Specialised in system architecture, backend engineering, and offline-first application design, with a focus on performance, reliability, and real-world usability.

Experienced in integration-heavy systems, including healthcare platforms that connect to external systems such as Impilo EHR and DHIS2 for structured data exchange and reporting. Works both in full-time engineering roles and as an independent software consultant, delivering offline-first and full-stack systems for clients across education, recruitment, and health. Builds systems that stay reliable in low-connectivity, high-impact environments.

WORK EXPERIENCE

OPHID (Neotree Project)

APRIL 2026 - PRESENT

Software Developer (Fulltime)

- Working across web, mobile, and backend services to deliver scalable features
- Designed and implemented changelog and version-control systems
- Built and maintained data pipelines integrating with external health systems (Impilo EHR, DHIS2)
- Improved offline-first data sync system reliability in low-connectivity environments

BRTI (Neotree Project)

SEPT 2025 - MARCH 2026

Software Developer (Fulltime)

- Took part in development of the Neotree digital health platform for neonatal care
- Delivered full-stack features across mobile, web, and backend systems
- Supported system architecture improvements and performance optimization
- Assisted in building and improving data synchronization workflows
- Contributed to integrations with external health systems and reporting pipelines

Appsistance

OCT 2025 - JAN 2026

Software Developer (Parttime)

- Contributing to the development of offline first mobile portals and web applications
- Designed and developed interfaces for a complete Point-of-Sale (POS) ecosystem
- Worked on inventory management, product catalogs, receipt generation
- Implemented offline-first flows and real-time syncing
- Focused on UI consistency and smooth user experiences

Kays Consulting Services

APRIL 2025 - SEPT 2025

Full Stack Software Developer (Fulltime)

- Developed cross-platform web and mobile solutions
- Built scalable backend systems and modern UI interfaces
- Integrated third-party APIs
- Led development of internal business platforms
- Introduced workflow automation

Abstrak Agency

NOV 2024 - APRIL 2025

Software Engineer (Fulltime)

- Spearheaded full-stack development across multiple client projects
- Mentored junior developers
- Enforced code quality standards
- Introduced scalable architecture patterns
- Built modern UI systems using Next.js, Vue

LANGUAGES

- English (Fluent)
- Ndebele (Native)
- Shona (Fluent)

REFERENCES

Dr FJ Kiwa

CUT: ICT Chairperson / Lecturer

Email : jkiwa@cut.ac.zw

Mr UA Siwawa

Kays Consulting Services: General Manager

Email : unashes@kaysconsulting.com.au

Mr M Magodo

Kingsman Software Services: Supervisor

Email : mmagodo@kingsmanssoftwares.co.zw

KaribuTech AI

DEC 2023 - DEC 2024

Mobile App Developer (Fulltime)

- Led development of AI-powered mobile applications
- Built Flutter-based cross-platform systems
- Integrated authentication, databases, push notifications
- Focused on performance optimization & rapid prototyping

Kingsman Software Services

AUG 2022 - DEC 2023

Software Engineer (Fulltime)

- Began professional software development career
- Worked across web, mobile, and backend systems
- Contributed to early client products
- Built strong foundations in scalable system design



CONSULTANCY PROJECTS

Juvakel Team Recruiters

OCT 2025 - PRESENT

Software Consultant / Technical Lead

- Leading the technical strategy of a multi-portal recruitment ecosystem
- Architected platform infrastructure and backend services
- Built secure APIs and modern frontend interfaces
- Developed dashboards, workflows, notifications, and analytics
- Introduced automation and DevOps practices

Daredzidzo

JAN 2026 - PRESENT

Software Consultant / Lead Engineer

- Built Daredzidzo, an offline-first desktop application for interactive classroom boards, used by teachers and students
- Supports reading learning materials, running quizzes, and exam preparation, all working fully offline for schools without reliable internet

MOHCC

APRIL 2026 - PRESENT

Assistant Technical Consultant

- Works with the Neotree team and ZimTTECH on the integration between Neotree and Impilo, Zimbabwe's national EHR under the MoHCC
- Supports the data pipelines for structured health data exchange and reporting between the two systems



EDUCATION

Chinhoyi University of Technology

2021 - 2025

BSc (Hons) in Information Technology

GRADE: First Class

GPA: 3.2 / 4

A' LEVEL ZIMSEC

2018 - 2019

Amhlophe High School

RESULTS: 3 Passes in Pure Maths, Geography and Technical Graphics

O' LEVEL ZIMSEC & HEXCO

2014 - 2017

Pumula High School

RESULTS: 10 Passes including Maths, English and Science



ACHIEVEMENTS AND AWARDS

- Vice Chancellor's Award (2025)
- University Book Prize (2024)
- University Book Prize (2023)