# Sabelo Gumede

## Full stack Developer

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🔗 portfolio-sabelo.onrender.com  in https://www.linkedin.com/in/sabelogumede/

○ github.com/juniorSarh

## Profile

The Full Stack Developer/cloud & software engineer with a strong end-user support background and hands-on React/TypeScript and Node.js projects. Comfortable with Microsoft 365 environments, ticketing/SLAs, and building small full-stack apps (REST APIs + modern front-ends). Keen to grow within managed services, cloud operations, or a junior full-stack role.

## Professional Experience

**Internet of Things (IoT) Facilitator |,** *Mobile Application Laboratory (mLab)*　　　　　10/2024 – 04/2025

- Guided learners step-by-step (in person and remotely) through device setup, Arduino interfacing and sensor configuration.
- Followed build diagrams and written instructions to assemble prototypes and resolve lab-related faults.
- Developed and delivered practical workshops; monitored progress and provided individual technical feedback.
- Created troubleshooting runbooks and how-to guides that reduced repetitive queries from learners.
- Researched emerging IoT technologies and contributed to improvements in lab environments and documentation.

**Information Technology Support Technician |,**　　　　　03/2022 – 06/2024
*Innobiz DUT Centre for Entrepreneurship & Innovation*

- Assisted students and staff face-to-face and over the phone to set up systems and resolve incidents end-to-end.
- Installed and configured software on stand-alone computers and laptops; supported data migration tasks.
- Supported Microsoft 365 onboarding (Outlook, Teams, OneDrive basics) for new users; assisted with email/data migration tasks.
- Logged and resolved incidents via a ticketing system, working within agreed timeframes/SLAs and escalating where appropriate.
- Provided remote support using screen-sharing/RDP tools and on-site support for classrooms and labs.
- Documented fixes and standard procedures to speed up future triage and user self-help.
- Collaborated with cross-functional teams to coordinate software updates and patches within agreed windows.

## Projects

**Link Vault,** *(React + TypeScript)*
Local link manager with tagging, search, and LocalStorage persistence. Repo: github.com/juniorSarh/React-ts-link-vault ☐

**Job Application Tracker,** *(React + TS + JSON Server)*
CRUD app with auth, protected routes, URL-driven search/filter/sort; deployed with Render (API/front-end).
Repo: github.com/juniorSarh/React-Job-Application-Tracker ⬀

**React Weather App,** *OpenWeatherMap API*
current, hourly, weekly forecasts; geolocation, saved locations, unit/theme toggles, offline cache. Repo:
github.com/juniorSarh/weather-application ⬀

**ShoppingList-API,** *(Node + TypeScript)*
Simple REST API with in-memory store; CRUD endpoints and consistent error model. Repo:
github.com/juniorSarh/ShoppingList-API ⬀

## Skills

- Languages: JavaScript/TypeScript, Python, C#, SQL
- Backend & APIs: Node.js (Express), RESTful API design
- Cloud/Platforms: Render (deployments); basic Azure fundamentals

- Frontend: React (Vite), HTML5, CSS Modules, Responsive UI
- Dev Tools: Git, GitHub; JSON Server; npm
- IoT/Embedded: Arduino, Raspberry Pi (foundations)

## Education

**Advanced Diploma in Information Technology (ICT),**                                    01/2020 – 03/2021
*Durban University of Technology*

**Key coursework:** Applied Mathematics; Data Structures; Platform-Based
Development; Software Development; Parallel & Distributed Computing

**Diploma in Information & Communication Technology (App Development),**     01/2017 – 12/2019
*Durban University of Technology*
**Key coursework:** Application Development; Information Systems; Mobile
Computing; IT Project Management

## Certificates

- Javascript algorithms and data structure ⬀
- Responsive web design ⬀
- Database Design ⬀

## References

**Ms Palesa Antony**, *Technology Ecosystem Lead/manager,* mLab
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**Dr Harry Swatson**, *Managing Director (CEO),* SEAD1
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