Luke Manyamazi

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Cape Town, South Africa

Portfolio | **Github** | **LinkedIn**

Professional Summary

Versatile Software Developer with hands-on experience in JavaScript, Node.js, Python and MySQL. Adept at building responsive, data-driven web applications and collaborating in Agile teams to deliver MVP products. Over a decade of IT support and systems administration experience, bringing analytical problem-solving, documentation, and teamwork skills.

Technical Skills

Languages: JavaScript, Python, Java, C/C#/C++, PHP
Frameworks: React, Node.js, Express.js, Tailwind CSS
Databases: MySQL, Firebase, Postgres
Cloud: AWS, Google Cloud
Tools: Git, VSCode, Netlify, Anydesk, MS-O365, Postman
Practices: Agile, MVP Development, API Integration, Testing & Debugging

Projects

1. CYFOverflow – Q&A Web Application - JavaScript, HTML, CSS, REST APIs

- Developed a Q&A platform for CodeYourFuture, enabling question posting, answering, and discussions.
- Built a responsive and accessible UI for desktop and mobile users.
- Implemented API-driven data fetching and dynamic rendering for real-time content updates.
- Optimized performance and maintainability with modular JavaScript and efficient DOM manipulation.

App: CYFOverflow

2. TV Show Finder App | JavaScript, HTML, CSS, TMDB API, YouTube Integration

- Built the app using the TMDB API for richer content and metadata.
- Designed an upgraded, responsive UI with in-page YouTube trailer playback.
- Integrated live search, filtering, and episode data for a seamless user experience.
- Improved API response and rendering efficiency by 35%.
- Deployed on Netlify; tested by friends and peers from CodeYourFuture.

App: [Pop & Chill TV Explorer](#)

3. Chat App | WebSocket, NodeJs, JavaScript, HTML, CSS

- Built a real-time group chat application using WebSockets for instant messaging.
- Designed user-friendly frontend with live message updates and online user count.
- Integrated both polling and WebSocket modes for flexible communication.
- Deployed frontend and backend for live multi-user interaction testing.

App: [Group Chat](#)

4. Quote Generator App | Node.js, JavaScript, HTML, CSS

- Developed a quote generator that fetches random quotes from a custom backend API.
- Improved backend efficiency with optimized routes, reducing latency by 20%.
- Designed clean UI and seamless frontend-backend integration.

App: [Quote Generator App](#)

Professional Experience

Software & Application Support / Deployment Specialist
Torga Optical Lens Manufacturing | Cape Town, SA | 2020 – Present

- Work directly with external developers on Torga Systems applications, assisting with feature development, bug fixing, and improvements.
- Document and report software bugs, reproducing errors to facilitate quick resolution.
- Conduct deployment testing to ensure smooth release of updates and new features across 170+ branches.
- Collaborate with marketing to create digital content, increasing customer engagement by 30%.

IT Support Technician
Torga Optical Lens Manufacturing | Cape Town, SA | 2020 – Present

- Install, maintain, and troubleshoot 18+ IT systems and network assets.
- Support deployment of apps across branches, maintaining 99.9% uptime.
- Conduct staff training, reducing support requests by 30%.
- Provide onsite and remote IT support to 150+ stores

Education & Certifications

BSc (Hons) Computer Engineering Degree

Zimbabwe Open University (In Progress)

- Part 3.1
- Graduating in 2027

Software Developer Certificate - CodeYourFuture

- Intro To Digital
- Intro To Programming
- Piscine
- Software Development Course
- The Launch Module

Completion Certificates:

- CS50's Introduction to Python — Harvard University
- Responsive Web Design — FreeCodeCamp
- Introduction to AWS Certifications - AWS
- AWS Cloud Practitioner Essentials — AWS
- Cloud Computing 101 — Coursera
- Designing and Deploying LAN & Wi-Fi Networks — The Internet Society

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