

Yassin Hassan

Junior Systems Analyst | Cloud & Backend Aspirant



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[My LinkedIn](#)



PROFESSIONAL SUMMARY

Software Engineering graduate with experience in **Enterprise System Administration** and **Process Automation**. Proven ability to manage LMS infrastructure, resolve **SSO authentication protocols**, and ensure data integrity across SQL databases. Combining a background in system design with strong technical troubleshooting skills to bridge the gap between complex backend logic and business requirements. Eager to leverage skills in **Linux**, **Cloud Computing**, and **Backend Development** to optimize technical operations.

TECHNICAL SKILLS

Cloud & Infrastructure:

Platforms: Amazon Web Services (AWS) (EC2, S3, Lambda), Microsoft Azure (Active Directory/Entra ID).

Systems Administration: Linux (Ubuntu/RedHat), Windows Server 2019, Single Sign-On (SSO) Configuration (SAML/OIDC), Bash Scripting.

DevOps Basics: Docker (Containerization), CI/CD Concepts, GitHub Actions (Basic Pipelines).

Backend Development:

Languages: Python, Java, SQL, PHP, JavaScript.

API & Database: RESTful API Development, Postman (API Testing), MySQL, Oracle SQL, JSON/XML data handling.

Analysis & Methodologies:

Tools: Microsoft Visio (UML/Process Modelling), Jira (Issue Tracking), Confluence (Documentation).

Concepts: Agile/Scrum Methodologies, Root Cause Analysis, SDLC (Software Development Life Cycle), Technical Requirement Gathering.

PROFESSIONAL EXPERIENCE

Vivo Energy | [Cape Town, South Africa] Junior Technical Systems Administrator (Intern) (2024)

Enterprise System Implementation (SAP SuccessFactors):

Collaborated with IBM consultants to support the migration and configuration of **SAP SuccessFactors LMS (SFLMS)**.

Executed **technical data mapping** and system integration testing to ensure alignment with business process requirements.

Acted as a technical liaison between functional teams and developers, translating business needs into actionable software specifications.

LMS Administration & Infrastructure:

Managed the company's Learning Management System infrastructure, performing root cause analysis on **Single Sign-On (SSO)** authentication errors and resolving user access conflicts.

Maintained system integrity by identifying and fixing **SQL data inconsistencies** across the user database.

Standardized deployment strategies for **SCORM-compliant** packages, ensuring version control and system scalability.

Automation & Optimization:

Engineered automated workflows for training assignments and reporting pipelines, reducing manual administrative overhead for HR and business units.

Delivered technical documentation and support guides to facilitate the adoption of system updates.

EDUCATION

Bachelor of Science in Information Technology (Software Engineering) | NQF Level 7

Eduvos (formerly Pearson Institute) | 2021 – 2023

- **Key Modules:** Systems Design, Network and Security, Technical Writing, Programming.

National Senior Certificate (Achieved Batchelors Degree) | 2016 – 2020
