




Zamokuhle BoyBoy Mhlanga

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OBJECTIVE

IT & Data analyst bringing exceptional abilities in competitor analysis, business intelligence development and trend assessment. Successful at promoting company advancements and boosting team performance. Consistently reaches revenue targets by reviewing accurate data and producing creative recommendations. To seek and maintain full-time position that offers professional challenges utilizing interpersonal skills, excellent time management and problem-solving skills. Organised and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

EXPERIENCE

10/2022
- Current

- **Software & Machine Learning Engineer**

Proper IT Solutions Pty Ltd

I am tasked with the following responsibilities at Proper IT Solutions Pty Ltd:

- Designing & developing machine learning and deep learning systems.
- Run machine learning tests & experiments.
- Implement appropriate machine learning algorithms & tools.
- Study & transform data science prototypes. Design machine learning systems.
- Develop machine learning applications according to requirements. Select appropriate datasets & data representation methods.
- Run machine learning tests & experiments. Perform statistical analysis & fine-tuning using test results.
- Train & retrain systems when necessary and extend existing machine learning libraries and frameworks.

01/2021
- Current

- **Data analyst**

Freelancer

- Created various Excel documents to assist with pulling metrics data and presenting information to stakeholders for concise explanations for best placements for needed resources.
- Upheld security and confidentiality of documents and data within area of responsibility.
- Worked with business intelligence software and various reports to glean insights into trends and prospects.
- Utilised data visualisation tools to effectively communicate business insights.
- Developed tables, views and materialised views using SQL.
- Tested data prediction algorithms based on historical data.

- Used statical methods to analyse data and generate useful business reports.
- Extracted and interpreted data patterns to translate findings into actionable outcomes.
- Analyzed transactions to build logical business intelligence model for real-time reporting needs.

02/2020
- Current

- **Freelancer**

Limkokwing University IT Part-time Tutor

- Planned lessons for allotted time to strengthen weak subjects and build skills.
- Collaborated with students to complete homework assessments, identify lagging skills and correct weaknesses.
- Helped students prepare for tests and exams by providing guidance, motivation and encouragement.
- Tutored diverse groups of students to strengthen subject comprehension, boost confidence and build important learning skills.
- Met with students and discussed educational goals and expectations.
- Prepared lesson plans to meet goals identified in students individualized study plans.
- Motivated students towards le2and studying to build self-confidence and reduce fear of failure.
- Leveraged technology to accelerate learning by providing students with easy to access information.
- Conducted group tutoring to help students engage active learning and critical thinking skills

01/2021
-
03/2022

- **Information Technology Officer**

Ministry of Health HMIS

- Performed daily system monitoring, verifying integrity and availability of hardware, server resources, systems and key processes.
- Used Type scripting skills to contribute to internal technical tools.
- Coached and trained end-users on functions, features and basic troubleshooting of software such as the the CMIS Client Management Information System.
- Set up network profiles, security permissions and file sharing systems.
- Worked with software development team on reported errors and bugs on newly released software and assisted in development of release fixes.
- Built and refined powerful machine learning models that automated decisions, prioritised work and changed behaviour of products in real time..
- Developed an Online Leave management system to help ease out the paper based system or method that was being utilised under the Lubombo region.
- Developed an Inventory Management system to help captured inventory such as monitors, system units, cisco routers, mouse & keyboards etc deployed in each and every facility under the Lubombo region.

07/2020
-
12/2020

- **System Developer**

Bits & PCs Simplifying IT

- Designed, planned and implemented new systems and enhancements to existing systems to improve productivity.
- Created and enhanced business applications and reports using work flow automation and other technology tools.
- Developed data warehousing solutions between software platforms to execute cohesive data information access.
- Integrated spatial data into enterprise environments using extract, transform and

load processes.

- Built automation to report status of products and devices.
- Designed, documented and implemented database solutions to support Web applications.
- Corrected, modified and upgraded software to improve performance.
- Built databases and table structures for Web applications.
- Designed and developed analytical data structures.
- Designed, developed, modified and debugged programs.
- Tested and deployed scalable and highly available software products.
- Coordinated deployments of new software, feature updates and fixes.

01/2019
- Current

- **Freelancer**
Web Developer

- Provided front-end website development using WordPress, Hubspot and other editing software.
- Planned website development, converting mockups into usable Web presence with HTML, Java Script, Ajax and Json coding.
- Generated Web hosting presence to accommodate specified needs and maintain files on account.
- Oversaw back-end development using PHP to maintain website integrity.
- Coded websites using HTML, CSS, JavaScript and jQuery languages.
- Adhered to SEO best practices while designing sites.

EDUCATION

2016

- **IGCSE**
St Marks High School
IGCSE

2021

- **Associate Degree in Information Technology**
Limkokwing University of Creative Technology
97

SKILLS

Working with Dashboards using powerBI.

80%

Data validation. MYSQL. Data quality assurance processes. Data Visualisation using models that utilise algorithms to better interpret data. Data formatting. Data profiling. Data analysis. Data science.

80%

Web design and development. Python programming language for both Machine Learning and Data Mining. Software Testing Life Cycle (STLC).

100%

Oracle Business Intelligence. Business needs analysis. Enterprise application integration.

80%

PROJECTS

- **System Developer**

- Developed multiple websites under the company Bits & PCs as a systems developer and all completed under the stipulated time.

- **IT Officer / System Developer**
 - Designed and developed an inventory management system whilst under the Health Management Information System (HMIS) under the Lubombo region.
 - Designed and developed an online Leave Management System for the Ministry of Health HMIS under the Lubombo region to eliminate the problems that were brought about, by the paper based system of applying for leaves at the Ministry of Health at Regional level.
- **Data Visualisation (Python, Tableau, Power Bi)**
 - Human resource management dashboard software.
 - Customer relationship management analysis dashboard software.
- **Machine Learning (Python, R)**
 - Life expectancy prediction model.
 - Cancer Analysis or prediction.
 - Fake news detection software.

INTERESTS

- Soccer
- Learning about Technology Trends
- Tutoring
- Gaming

LANGUAGES

- Siswati.
- English.
- Chinese.

PERSONAL DETAILS

- Date of Birth : 30/06/1996
- Marital Status : Single
- Nationality : Liswati
- Github : <https://github.com/Doctrate>

REFERENCE

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