# CURRICULUM VITAE OF NONDUMISO NKOSI

**Cell Phone: 073 0556 587**

**Email: nondumisofnkosi@gmail.com**

_____

## Personal Details

| | |
|---|---|
| First name: | Nondumiso Felicia |
| Surname: | Nkosi |
| Gender: | Female |
| Race: | Black |
| Marital Status: | Single |
| Date of Birth: | 1995-02-04 |
| ID: | 950204 0339 083 |
| Nationality: | South Africa |
| Home Language: | Siswati |
| Other: | English, Tswana, Xhosa, Zulu, Pedi |
| Postal Address: | 1 Saltus street |
| | Centurion, Pretoria |
| | 0157 |
| Residential Address: | 1 Saltus street |
| | Centurion, Pretoria |
| | 0157 |

## Educational Qualification

Further Studies;

| | |
|---|---|
| Institute: | IIE Rosebank College |
| Qualification: | National Diploma in Information Technology |

Date Completed: 2017

Institute: ESRI

Qualification: Diploma in Geoinformation Science and Technology

Date Completed: Present

## **Projects:**

**Name of project:  DR JS Moroka Water Demand Management**

Year: 2016

Location: Mpumalanga

Client: Vuka Africa Consulting (Pty) Ltd

Main project features: Mapwork and GIS Data Capturing

Position held: Technical Assistant

**Name of project:  Sustainable Urban Drainage System design and construction supervision**

Year: 2016

Location: Gauteng

Client: Thembakele Consulting

Main project features: Construction, data collection and sampling

Position held: Technical Assistant

**Name of project:  Flood line Study**

Year: 2017

Location: Limpopo

Client: Diges Group

Main project features: Data preparation and mapwork

Position held: Technical Assistant

**Name of project:**   <u>**Flood line Study**</u>

Year:                        2018

Location:                  Limpopo

Client:                      Eskom/ Naledzi

Main project features: Paradise-Fondwe data collection, preparation and mapwork

Position held:            Technical Assistant


**Name of project:**   <u>**Water Demand Management**</u>

Year:                        2018-2019

Location:                  Middleburg

Client:                      Steve Tshwete Municipality

Main project features: collection of data on site, capturing of data, modelling data, and create maps

Position held:            Technical Assistant


**Name of project:**   <u>**Padda Dam Spillway Design and Construction Supervision**</u>

Year:                        2020-2022

Location:                  Johannesburg

Client:                      University of Johannesburg

Main project features: Construction site supervision

Position held:            Technical Assistant


**Name of project:**   <u>**Water Demand Management**</u>

Year:                        2023

Location:                  Tembisa

Client:                      Ekurhuleni Municipality

Main project features: collection of valves data on site, capturing of data, modelling data, and create maps

Position held:          Technical Assistant

**Name of project:   <u>Environmental Impact Assessment</u>**

Year:                   2023

Location:               Thokoza

Client:                 Ekurhuleni Municipality

Main project features: Geotechnical and Floodline study, capturing of data, modelling data, and create maps

Position held:          Technical Assistant

**Name of project:   <u>Dam break and Stability analysis</u>**

Year:                   2024

Location:               Sasol Dyna Nobel

Main project features: Geotechnical and Hydrology (data on site, capturing of data, modelling data, and create maps)

Position held:          Technical Assistant

<u>**Employment History**</u>

Employer:                       Isra Consulting

Position:                       Technical Assistant (2016 to 2024)

Projects:                       **Construction Bez Valley Stormwater Management**

Duties:                         Construction: Attend site meetings, take minutes on behalf of the engineer, collect soil samples for lab testing, collect water samples for water quality testing, attend stakeholder meetings.

                                **Data Collection and preparation**

Data collections: collect contour data from surveyors or municipalities, prepare rainfall data for the engineer, ensure that data is compatible for Hecras or ArcGIS.

Collect valve data (position, coordinates, picture, size, make, type). Save data on a CSX excel spreadsheet

**GIS data Processing**

Importing data from AutoCad to GIS, Digitize or obtain accurate river centrelines, cross-sections, dams and any other features needed for your analysis. Project appropriate coordinate system for the data. Convert shapefile to Tin and to raster data in preparation for Hecras Modelling.

Create attribute table and populate table with data, edit data directly on base map. Data was created inside a geodatabase.

**Post processing in GIS**

Import Hecras results onto ArcGIS, overlay shapefile with other layers on GIS, Create a Map with imported layer and add logo, scale, longitude latitude grid. Export map into pdf, kmz, Autocad, jpeg according to client requirements

Duration:                          2016-2024

**Reference**

| | |
|---|---|
| Mr L Ntlokwana (Pr Eng Tech) Supervisor 065 365 6327 | Alake Consulting (Pty) Ltd |
| Mr TI Mabale (Pr Eng Tech) Supervisor 083 482 0714 | Isra Consulting (Pty) Ltd |