

# YVONNE THEMBINKOSI PUNADI

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## ASPIRING WEB DEVELOPER

An inquisitive individual with a growing passion for programming. I have experience analysing complex data sets and utilizing various software for data visualization and modelling. I am deeply excited about the opportunity to leverage my technical skills in web development, and I am eager to expand my knowledge in areas such as JavaScript, HTML and CSS.

I am currently seeking opportunities to kickstart my web development career, with a focus on building and optimizing web applications. I am open to both remote and international opportunities and am excited to contribute to dynamic projects while continuing to grow professionally.

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## KEY SKILLS & COMPETENCIES

Data Analysis | Geological and geotechnical logging | JavaScript | Research & Report Writing | ArcGIS | Leapfrog Geo | LogChief | Public Speaking | Project Management | Critical Thinking | Process Improvement | Creative Thinking | Microsoft Office Suite | Leadership & Teamwork | Effective Communication | Problem-Solving

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## PROFESSIONAL EXPERIENCE

### The MSA Group

August 2023 – August 2024

#### *Junior Geologist*

- Geological and geotechnical core logging:
  - Interpreting drill core samples to identify rock types, mineral composition and geological structures and capturing data on LogChief.
  - Sampling of Zn and Pb – bearing rocks in the Namaqualand land region of the Northern cape (Vedanta Zinc International)
  - Core recovery measurements (RQD, SCR & TCR)
- Advanced geotechnical logging:
  - Orientating drill core, measuring alpha and beta angles
  - Plotting alpha and beta angle measurements on stereonetts to compare with OTV data for use in mine planning
- Report writing
- Drill rig inspections

### Southern Mapping Company (A Woolpert Company)

March 2022 – July 2022

#### *Geospatial Technician* (Contract)

- Analysis of aerial photography using ArcGIS Desktop and ArcGIS Pro through creating and updating GIS maps
- Extracted and compiled data from aerial photographs, ground surveys, LiDAR, and satellite images to prepare maps
- Performed quality assurance to ensure that the integrity of the geospatial data was maintained

### Umbono Natural Resources

Sep 2021 - Dec 2021

#### *Business Analyst and Professional Assistant Intern*

- Project management and data analysis using excel

- Distribution of solar house systems in rural Africa: Fieldwork to identify electricity needs in areas off the grid and to find solutions for how to best provide for these communities using a “Community Franchise model”
- Investments:
  - Investment presentations for Every Nation Rosebank Church on the basics of investing and which stocks are best to look at, with a focus on the differences between passive and active investing
- Office Administration:
  - Client tax returns; Meeting minutes; Presentations and proposals for funding for the “Electrify Rural Africa” projects; Oversaw the buying and selling of vehicles; Created a database for the team of Field Geologists to capture their core logging data

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## EDUCATION & QUALIFICATIONS

**University of the Witwatersrand**

**Master of Science in Geology**

**Feb 2019 - Oct 2021**

Thesis topic: *The Petrogenesis and Structural Architecture of the Musunda Mafic Intrusions and Implications for the evolution of the Soutpansberg Trough, Limpopo, South Africa*

**Bachelor of Science with Honours in Geology**

**Feb 2018 - Nov 2018**

Research topic: *Field studies of structures west of Pibaore in the SE Goren greenstone belt, Burkina Faso*

**Bachelor of Science majoring in Geology and Advanced Earth Sciences**

**Feb 2015 - Nov 2017**

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## OTHER RELEVANT INFORMATION

- Nationality: South African
- Languages: English (Native) | IsiZulu (Native) | IsiXhosa (Professional Working Proficiency)
- Achievements:
  - Vedanta’s Star performer award for aiding in the discovery of the Gamsberg East Extension orebody while maintaining zero harm (December 2023)
  - National Research Fund Scholarship (2018)
  - Postgraduate Merit Scholarship (2018)
  - Certificate of first-class for Information systems in Earth Science and Exploration and Mining Geosciences III (2017)
  - Certificate of Merit for Statistics for Earth Scientists (2017)
  - Gauteng City-Region Academy bursary (2015 - 2017)
- Professional affiliations:
  - Geological Society of South Africa – Member
  - South African Council for Natural Scientific Professionals (SACNSP) – Candidate Scientist
- Volunteer Work:
  - Brave Africa Foundation: Volunteer (October 2024 - current)
  - South African National Blood Service: Ambassador (Apr 2013 - current)
  - Bridge the Gap: Public Relations Officer: Mentorship | Social Media Marketing (Jul 2019 - Aug 2020)
  - SANCA: Ambassador (Jan 2012 - Dec 2013)
- Interests: Music | Current Affairs | Working With And Supporting The Growth And Development Of Children
- References Provided on Request