

Luyanda Sbusiso Jr. Madonsela

79 Albatross Dr, Fourways GP, 2055

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Professional Summary

Motivated and detail-oriented Full-Stack Developer with a National Certificate in IT Systems Development (NQF Level 5), seeking a junior developer role to apply and grow my skills in building responsive, user-centric web applications. Proficient in React.js, Next.js, Node.js, PostgreSQL, Docker, and UI/UX design with Figma. Currently working as a Mathematics, Science, and IsiZulu Tutor at Genius Premium Tuition, where I've developed strong communication, analytical, and problem-solving skills. Eager to contribute to dynamic development teams and bring innovative digital solutions to life through code.

Personal Details

- Nationality : South African
- Gender : Male
- Driving Licence : Code C1 (10)
- Age : 29
- Languages : English & IsiZulu
- GitHub : <https://github.com/Luyanda-Madonsela>

Core Competencies

- Full-Stack Web Development
- Responsive Design (Figma, Tailwind CSS)
- Object-Oriented Programming (OOP)
- REST API Development
- CRUD Operations
- MVC Architecture
- Git & GitHub Version Control
- Docker & Container Deployment
- PostgreSQL & T-SQL
- JavaScript (ES6), TypeScript
- React.js & Next.js
- Node.js & Express.js
- HTML5 & CSS3
- Intermediate Java
- Basic Linux & Virtualization
- Unit Testing & Debugging
- Verbal & Written Communication
- Teamwork & Collaboration
- Conflict Management
- Presentation & Tutoring Skills

Work Experience

- **Genius Premium Tuition** February 2025 - Present
Mathematics, Science & IsiZulu Tutor
 1. Deliver one-on-one tutoring sessions in Mathematics, Science, and IsiZulu for students from various grade levels.
 2. Customize lesson plans and learning strategies to align with each student's unique learning style and academic needs.
 3. Assist students in understanding complex concepts and solving problems in a step-by-step, structured manner.
 4. Track student progress, identify areas for improvement, and adjust teaching methods accordingly.
 5. Provide regular feedback to students and parents on academic performance and improvement areas.
 6. Foster a positive and motivating learning environment that builds students' confidence and academic independence.
 7. Collaborate with the Genius Premium Tuition academic team to ensure consistency and quality in teaching

practices.

8. Prepare students for tests, exams, and school assignments, including helping with revision strategies and exam techniques.

9. Incorporate technology and digital tools to enhance tutoring sessions and improve engagement.

10. Maintain confidentiality and professionalism when handling student information and communications.

- **Master Maths**

March 2020 - January 2025

Full-Time Mathematics & Science Tutor

1. Tutored Grade 11 and 12 students in Mathematics and Science.
2. Planned and delivered customized lessons tailored to individual student needs.
3. Set academic goals with students and monitored progress.
4. Communicated student performance through regular reports to parents.
5. Handled administrative tasks, including scheduling and record-keeping.
6. Performed basic computer maintenance and ensured smooth operation of centre systems.
7. Contributed to the upkeep and professional environment of the tutoring centre.

- **University of the Witwatersrand**

2015 - 2016

Programming & Engineering Drawing Tutor

1. Tutored first-year students in Engineering Drawing and Computer Programming (Visual Basic).
2. Provided academic support through one-on-one and group tutoring sessions.
3. Assisted students in understanding technical concepts and developing problem-solving skills.
4. Guided students through practical exercises and assignments to reinforce learning.
5. Supported academic staff in assessing student progress and providing feedback.

Education & Certifications

- **AIE, Academic Institute of Excellence**

February 2023 – February 2024

National Certificate: IT Systems Development NQF5 (Full-Stack Development)
Pass

- **University of the Witwatersrand**

2014 - 2018

BSc Civil Engineering (Studies Discontinued)
(Highest Level Reached was Year of Study 3)

- **Hillcrest High School**

2013

National Senior Certificate - (Grade 12)
Bachelor's Pass

Project Links

- **GitHub Repository -**

<https://github.com/Luyanda-Madonsela>

- **Portfolio Website (Responsive Web App) -**

<https://porfolio-website-eight.vercel.app>

- **Tic Tac Toe (Web Game) -**

In Progress

- **Weather Web Application (Single Page Application) -**

In Progress

- **Tech Jokes Social Application (Progressive Web App) -**

In Progress

References

- **Tracy Carr - Master Maths Fourways**

Manager

071 610 5772

- **Barbara Southey - Master Maths Kloof**

Manager

031 764 2364