

LUYANDA SIBUSISO JR MADONSELA

CURRICULUM VITAE

Personal Details:

Current Occupation:	Mathematics, Science & IsiZulu Tutor
Current Employer:	Genius Premium Tuition
Age:	29
Drivers Licence:	Code 10
Gender:	Male
Nationality:	South African
Fluent Languages:	English & IsiZulu (Modest Understanding of Sesotho, Swati and Xhosa)

Contact Details:

Cell phone:	064 5183 122
Email:	luyandasmadonsela@gmail.com
Location:	Fourways, GP
LinkedIn Profile:	www.linkedin.com/in/luyanda-madonsela-b52990120
GitHub:	https://github.com/Luyanda-Madonsela

Skills:

Technical Skills:

- Full-stack Responsive Web Application Development
- Object Oriented Programming Principles (OOP)
- Search and Sort Algorithms
- MVC Design Pattern
- Database Design and development
- UI/UX with Figma
- User Authentication
- CRUD operations
- REST API
- Unit Testing
- Git Version Control
- Containerization of Applications (Docker), as well as both Web App and Container Deployment.
- I understand the Software Development Life Cycle (SDLC).
- I have basic Linux and Virtualization knowledge.

Soft Skills:

While tutoring mathematics full-time for a few years, I developed good verbal and written communication skills, teamwork, and conflict management skills. I have also developed speaking and presentation skills.

Tech Stack:

Figma, Git, GitHub, HTML5, CSS3, Tailwind CSS, Intermediate Level JavaScript, TypeScript, ES6, React.js, Next.js, Node.js, Express.js, PostgreSQL, T-SQL, Docker, Intermediate Level Java.

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**

Education & Certifications:

Institution Name: **AIE, Academic Institute of Excellence**

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

Duration: Feb 2023 – Feb 2024

Institution Name: **University of the Witwatersrand**

Qualification: **BSc Civil Engineering (Studies Discontinued)**

Duration: 2014 – 2018 (Highest Level Reached was Year of Study 3)

Career History:

Position: **FULL-TIME MATHEMATICS & SCIENCE TUTOR**

Company Name: **Master Maths**

Duration: **MARCH 2020 - JAN 2025**

Responsibilities:

- I worked mainly with grades 11 to 12. I was responsible for tutoring, administration, lesson planning, goal-setting with students, progress reporting to parents, computer maintenance and general upkeep of the centre.

Position: **PROGRAMMING & ENGINEERING DRAWING TUTOR**

Company Name: **University of the Witwatersrand**

Duration: **2015 - 2016**

Responsibilities:

- Tutoring 1st year Engineering Drawing and Computer Programming (Visual Basic).

References:

Tracy Carr
Manager - Master Maths Fourways 071 610 5772

Barbara Southey
Manager Mater Math Kloof 031 764 2364