Itumeleng Ronald Jr Modikoe

Entry-Level Data Scientist

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○ github.com/iModikoe 🔗 https://rj-portfolio-mu.vercel.app/

Profile

Motivated Data Science student with a solid foundation in data analytics, cloud technologies, and business intelligence, supported by industry-recognized certifications. Skilled in programming, mathematics, and analytical problem-solving, with hands-on experience tutoring and mentoring peers to achieve academic excellence.

Proven leadership and collaboration skills developed through student representation roles and mentoring, with a strong passion for leveraging data to uncover insights and drive strategic decisions. Committed to contributing value through data-driven solutions and continuous learning in a dynamic team environment.

Education

Bachelor of Computing: Data Science, Belgium Campus iTversity
01/2023 – Present
Pretoria, South Africa

High School, RW Fick Senior Secondary School
01/2018 – 12/2022
JHB South, South Africa

Technical Skills

Programming
Python, C#, JavaScript, SQL, HTML,
CSS

Data Science
Machine Learning, Data Visualization, Data Cleaning,
Statistical Analysis, Database Development, Data Analysis & Manipulation

Other Skills
Operations Research, Linear
Programming, Cloud Computing

Tools & Platforms
Power BI, Talend, Anaconda, Scikit-learn,
PyCharm, Pandas, NumPy, R Studio, Oracle (SQL Plus), MS SQL
Server, Visual Studio, Visual Studio Code

Database Development
ERD Design, T-SQL, Stored
Procedures, Triggers, ETL Processes

Certifications

- IBM Data Science Professional Certificate 🔗
- AWS Cloud Practitioner Essentials 🔗
- Data Analytics Essentials 🔗
- IBM Data Analyst Professional Certificate 🔗
- Introduction To Data Science 🔗
- The Data Science Course: The Complete Data Science Bootcamp 2025 🔗
- Mastering SQL Server 2016 Integration Services (SSIS) - Part 1 🔗

Projects

Paws Haven Animal Shelter Database 🔗
Developed a SQL Server database for Paws Haven to manage staff, animals, adoptions, and medical records. Included ERD, 3NF normalization, T-SQL scripts, views, procedures, triggers, and user roles.

EcoTrade Sustainability Insights Dashboard – Power BI Solutions 🔗
Built a Power BI dashboard for EcoTrade to analyze sustainability, customer behavior, and product performance using data modeling, DAX KPIs, interactive visuals, and Role-Level Security for strategic insights

E-Commerce API Backend 🔗
Built a secure RESTful API using Express.js and MongoDB for an e-commerce platform. Features modules for products, users, orders, payments, reviews, and more, with rate limiting, CORS, and robust error handling.

Oracle Legacy Bookstore Database 🔗
A legacy bookstore database using DBF files, likely designed for Oracle integration. Includes schema files for books and authors, plus Oracle config data ideal for exploring or migrating old data to modern systems.

Soft Skills

- Communication & Collaboration
- Conflict Resolution
- Leadership & Team Management
- Professionalism
- Problem Solving & Critical Thinking
- Adaptability
- Mentorship
- Time Management

Extracurricular Activities

Belgium Campus iTversity, Peer Tutor — 02/2024 – Present

Belgium Campus iTversity, Residence Representative — 02/2024 – 12/2024

Belgium Campus iTversity, Student Representative Council — 02/2024 – 12/2024

Belgium Campus iTversity Soccer Team, Captain — 02/2023 – 12/2024

Interests

- Machine Learning & AI
- Tech Blogs and Podcasts
- Open-Source Projects
- Creative Writing