Gedion Mutinda Amisi

Data Scientist ML Developer | Data Analyst | Software Developer

CONTACT ME

📞 0799711783

✉️ gideonamisi11@gmail.com

🌐 https://silver-longma-832da7.netlify.app/

🚩 Kenyan

🎓 14-04-1997

❤️ Single

SKILLS

Programming Languages: Python, R, SQL, Typescript, Kotlin, HTML5/CSS

Data Science & Machine Learning: Natural Language Processing (NLP), Deep Learning, Predictive Modeling, Forecasting, Data Exploration, Data Visualization

Big Data Technologies: Hadoop, Spark, Unstructured Data Management

Databases: SQL, NoSQL, PostgreSQL

Tools & Frameworks: Docker, Git, Power BI, Streamlit, REST APIs, CI/CD (Continuous

ABOUT ME

With over 3 years of experience in data science and machine learning, I have successfully applied my technical skills to develop innovative solutions that drive business impact. I specialize in designing and deploying machine learning models that have improved predictive accuracy and optimized operational efficiency. I'm proficient in building REST APIs, managing source code with Git, and containerizing applications using Docker for seamless deployment. I have a strong foundation in SQL databases, big data technologies like Hadoop and Spark, and business intelligence tools like Power BI. My practical experience extends to implementing end-to-end data pipelines, from data extraction and cleaning to visualization and model deployment. Beyond technical expertise, I excel in cross-functional collaboration, effectively working with data engineers, analysts, and business stakeholders to deliver impactful data-driven solutions. I'm an advocate of Agile methodologies, fostering teamwork and ensuring timely project completion. My leadership in mentoring junior data scientists and conducting technical workshops reflects my commitment to continuous learning and skill development within teams.

OBJECTIVE

A passionate and results-driven Data Scientist and Machine Learning Developer, seeking to leverage over 3 years of experience in data-driven decision-making to contribute to impactful projects. My goal is to continuously deepen my expertise in data science, machine learning, and big data technologies by working on complex, cross-functional projects that drive business innovation and process efficiency. I aim to collaborate with diverse teams, using cutting-edge data science techniques to solve real-world problems, while fostering continuous learning and professional development. Ultimately, I aspire to create scalable, data-driven solutions that enhance organizational performance and deliver measurable business outcomes.

EDUCATION

Bcom (Finance)
Bachelors Degree
2016 - 2021
Machakos University

Integration/Continuous
Deployment)

Cloud & Containerization:
Docker, Kubernetes

Version Control: Git, GitHub,
GitLab

Business Intelligence: Power BI,
Tableau

Web Development: Front-end
development (HTML/CSS)

Deployment Platforms: Streamlit,
Docker, Flask

Collaboration: Worked in cross-
functional teams, leading data
initiatives with engineers and
analysts

Leadership: Mentored junior
developers and conducted
workshops on machine learning

Project Management: Skilled in
Agile and Scrum methodologies,
managing projects from
development to deployment

Communication: Strong
presentation skills, explaining
complex data-driven insights to
non-technical stakeholders

LANGUAGES

ENGLISH

SWAHILI

AWARDS

AWARD RECEIVED

Revenue Optimization Played a
pivotal role in increasing revenue
collection efficiency by 15% at
the Kenya Revenue Authority
through the implementation of
data-driven solutions and predic-

Machine Learning, Artificial Intelligence and Business Intelligence Analyst

Data Science
2020 - 2022
Grade - A
Africa Data School
Graduated with excellent skills.

Machine Learning, Artificial Intelligence and Business Intelligence Analyst

Professional Data Scientist
2023 - 2023
Grade - A
Oracle University
Graduated excellently.

PROFESSIONAL EXPERIENCE

Consultant - Lead Data Scientist and ML Developer

Glafpol LLC
2024 - 2024
United States

Lead the design, development, and deployment of machine learning models to address complex business challenges, focusing on predictive analytics and data-driven decision-making. Collaborate with cross-functional teams to create scalable data solutions, enhancing operational efficiency and accuracy in data reporting. Implement Agile methodologies, ensuring timely delivery of projects and fostering a culture of continuous improvement within the team. Develop REST APIs to streamline data access and integration with existing systems, improving user experience and data utilization.

Business Intelligence and Data Scientist ML Developer

Kenya Revenue Authority
2024 - 2024
Nairobi

Optimized revenue collection processes through data analysis and business intelligence solutions, resulting in a 15% increase in efficiency. Created interactive dashboards using Power BI to visualize key performance indicators, enabling data-driven decision-making for management. Conducted data mining and predictive modeling to identify trends and patterns in revenue data, providing insights that informed strategic planning.

Instructor

Africa Data School
2022 - 2023
Nairobi

Instructed courses in Data Science, Machine Learning, and Artificial Intelligence, empowering students with essential skills in data mining and analytics. Guided students in their innovation journeys, assessing final projects for certification and ensuring alignment with industry standards. Engaged in data analytics competitions within the Zindi organization, enhancing practical experience and fostering community involvement.

Data Scientist ML Developer | Business Intelligence Developer |

tive analytics.

2024

AWARD RECEIVED

Data Science Instructor Recognized for excellence in teaching and mentoring at Africa Data School, helping over 70 students gain practical skills in data science, machine learning, and AI.

2022

AWARD RECEIVED

Competitions and Hackathons Actively participated in numerous data science competitions, including Zindi, where I secured top positions, showcasing advanced problem-solving and analytical skills.

2022

AWARD RECEIVED

Continuous Learning Completed several advanced certifications in data science and machine learning, including the Professional Data Scientist from Oracle University and Data Science and Machine Learning from Africa Data School, enhancing my technical expertise and knowledge.

2023

STRENGTHS

Technical Proficiency: Expert in data science, machine learning, and big data technologies, with a proven ability to design, develop, and deploy complex models and data-driven solutions.

Problem-Solving & Innovation: Strong analytical thinker who excels at using data to solve complex problems and innovate new approaches to business challenges.

Cross-Functional Collaboration: Adept at working with diverse teams, effectively bridging the gap between data engineering, business intelligence, and

Software Developer

Consulatant

2022 - Present

Nairobi

I am an active consultant specializing in the dynamic fields of Data Science and Machine Learning Development, Business Intelligence, and Software Development. With a robust background in these areas, I leverage advanced analytical techniques and innovative software solutions to drive data-driven decision-making and enhance operational efficiency for my clients. Expertise Areas: Data Science & Machine Learning Development: I design and implement predictive models and algorithms that extract valuable insights from complex datasets, enabling organizations to make informed strategic decisions. Business Intelligence Development: I create comprehensive BI solutions that transform raw data into actionable intelligence, utilizing tools like Tableau, Power BI, and SQL to visualize trends and performance metrics. Software Development: I develop scalable software applications tailored to meet client needs, employing best practices in coding, testing, and deployment to ensure high-quality deliverables. Approach: My consulting approach is collaborative and results-driven. I work closely with clients to understand their unique challenges and objectives, ensuring that the solutions I provide are not only technically sound but also aligned with their business goals. Feel free to adjust any sections or details to better reflect your personal style or specific experiences!

INTERNSHIPS

Business Intelligence and Data Science ML Developer

Kenya Revenue Authority

2023 - 2024

Nairobi

PROJECTS

Predictive Model

Glafpol LLC

Lead Data Scientist and Machine Learning Developer

StartDate : 2024-08-12 **EndDate :** 2024-10-05

Real-Time Data Dashboard for GLAFPOL Description: Designed and developed an interactive dashboard to visualize geographic data on conflict incidents as well as results from the predictive model, using Streamlit and Docker for deployment. Technologies Used: Streamlit, Docker, Python, Mapbox Impact: Provided stakeholders with real-time insights into regional risks, facilitating timely decision-making and strategic planning.

Revenue Forecasting Model

Kenya Revenue Authority

Data Scientist Machine Learning and Business Intelligence Developer

StartDate : 2024-01-08 **EndDate :** 2024-06-30

Description: Created a machine learning model to forecast revenue for the Kenya Revenue Authority, analyzing historical data and identifying trends to optimize collection strategies. Technologies Used: R, SQL, Power BI Impact:

stakeholders to achieve shared goals.

Continuous Learning & Adaptability: Committed to staying at the forefront of data science through continuous learning, adapting to new tools, and embracing industry trends.

Leadership & Mentorship: Experienced in leading teams and mentoring junior data scientists, fostering growth, and collaboration within the data science community.

Communication Skills: Ability to explain complex technical concepts to non-technical stakeholders, ensuring alignment and clarity in project goals and outcomes.

Dedication & Work Ethic: Highly motivated, detail-oriented, and driven to deliver high-quality results within tight deadlines.

ACTIVITIES

Continuous Learning: Engage in online courses, webinars, and reading materials to stay updated on the latest trends and technologies in data science and machine learning.

Open Source Contributions: Collaborate on open-source projects, contributing to the development of machine learning tools and libraries to support the data science community.

Data Science Competitions: Participate in competitions such as those hosted by Zindi, focusing on data mining and machine learning challenges to enhance practical skills.

Teaching & Mentorship: Facilitate workshops and training sessions for students at Africa Data School, focusing on data analysis, machine learning, and practical applications.

Improved forecasting accuracy by 20%, contributing to more informed decision-making and resource allocation.

CERTIFICATES

Professional Data Scientist

Oracle University

304678788OCIDSP20230PN

2023-07-01 - 2026-08-01

This certification recognizes expertise in data science, particularly focusing on industry-relevant skills such as data analysis, model building, and applying machine learning techniques using Oracle's suite of tools and platforms.

Data Science and Machine Learning

Africa Data School

Verified-027

2022-08-01

This certification validates comprehensive knowledge in data science and machine learning development, covering areas such as data mining, statistical analysis, predictive modeling, and the practical use of machine learning algorithms in real-world applications.

REFERENCES

Duncan Kabogo

CEO

Africa Data School

https://www.africadataschool.com/

+254 711 769920

admissions@africadataschool.com

Margaret Wanjiru Pere

Manager - Corporate Data Office

Kenya Revenue Authority

https://www.kra.go.ke/

Margaret.pere@kra.go.ke

DECLARATION

I hereby declare that the information provided in this resume is true and accurate to the best of my knowledge. I understand that any false information may lead to disqualification from consideration for employment or termination of employment if hired.

Place : Machakos

Date : 14-04-1997

Gedion Mutinda Amisi

Workshops and Meetups: Attend and contribute to workshops and meetups related to data science and machine learning, fostering community learning and networking.

Volunteer Work: Actively engage in volunteer opportunities to mentor aspiring data scientists, sharing knowledge and resources to help them succeed.

INTERESTS

Machine Learning & AI: Passionate about exploring advancements in artificial intelligence, deep learning, and data-driven technologies.

Innovation & Technology: Keen interest in staying updated with the latest tech trends and applying them in creative ways to solve business problems.

Adventure & Exploration: Enthusiastic about outdoor activities and adventure sports, fostering a spirit of curiosity and resilience.

Physics: A long-standing interest in the fundamental principles of physics and how they relate to machine learning and problem-solving.

Teaching & Mentorship: Enjoy mentoring aspiring data scientists and participating in data science communities to share knowledge.

Badminton: Active badminton player, appreciating the focus, strategy, and agility the sport demands.

SOCIAL LINKS

https://twitter.com/hamisi_gideon

https://www.linkedin.com/in/gamisi

https://silver-longma-832da7.netlify.app/

https://www.instagram.com/gideon_hamisi/

https://github.com/gideon_hamisi