Kupakwashe Tinotenda Mapuranga

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OBJECTIVE

AI and machine learning specialist with a strong track record of delivering innovative solutions to solve real-world challenges. Experienced in leading projects from concept to execution, I am eager to leverage my technical expertise and leadership skills to drive impactful change within a dynamic team

EDUCATION

2020-2024
- **B.Tech Computer Science and Engineering specialized in Artificial Intelligence and Machine learning**
  Sandip University
  GPA 4.33

2024
- **Data Science Certificate Course**
  Mitu Skillologies

Current
- **Certificate in Business Management**
  Ba Isago University

PROJECTS

- **Project lead and Technical Developer**
  Developed a machine learning-based system using thermal cameras to detect animals on roads and provide real-time alerts to drivers. This system enhances road safety in Botswana by reducing collisions with wildlife and livestock, thereby protecting lives and supporting the local economy.

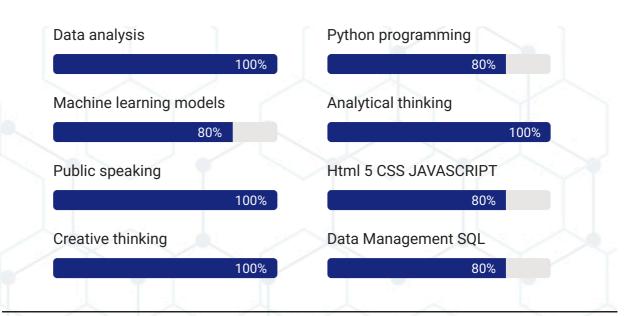- **Grapes Grading System Model**
  Built a machine learning model using decision trees to automatically classify grapes into export, local, and drying quality, achieving 98% accuracy. This project streamlined the grading process in the agricultural industry, enhancing quality control and efficiency.

- **Autism Prediction in Children**
  Created a predictive model using Random Forest and ensemble learning to assist in early autism diagnosis, with an accuracy of 99%. The project supports healthcare professionals by providing a reliable AI-driven tool for identifying autism in children, improving early intervention.

- **Orange Super Merchant Platform with Digiworx**
  Overseeing the system architecture and API integration with Orange's mobile money infrastructure. Managing a team of developers to ensure seamless onboarding of merchants and smooth transaction processing. Developing features that allow merchants to monitor transactions, generate reports, and enhance payment processing efficiency.

SKILLS

Data analysis		Python programming	
100%		**80%**	

Machine learning models		Analytical thinking	
80%		**100%**	

Public speaking		Html 5 CSS JAVASCRIPT	
100%		**80%**	

Creative thinking		Data Management SQL	
100%		**80%**	

EXPERIENCE

February 2023 - Current

- **Assistant Operations Manager**
  Digiworx, Botswana
  Managing cross-function teams, coordinating with international developers and suppliers
  business strategy & market analysis

December 2023 - September 2024

- **AI Programs Consultant**
  BA ISAGO UNIVERSITY
  Developing short learning programs in Artificial intelligence and Machine Learning.
  Establishing collaborations with strategic partners

January 2021 - Current

- **Education Consultant**
  Global Arcus, New Delhi
  Guidance on university course programs.
  Career paths tailored to students needs and aims.
  Working with multiple NAAC accredited University in India

REFERENCE

- **Available on request -**