# Kabelo Mushi Resume

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## Summary

I am an IT Graduate with a strong foundation in programming, problem-solving, and software development. Passionate about Artificial Intelligence, Machine Learning, and Data-Driven Solutions, with hands-on experience in applying SDLC, web development, and database management. Eager to apply technical skills in AI/ML projects, continually learn emerging technologies, and contribute to innovative solutions within dynamic teams.

## Technical Skills

- **Programming Languages:** Java, JavaScript, C++, PHP, Python (AI/ML)
- **Web Development:** HTML, CSS, Front-End Development, UI/UX Principles
- **Databases:** MySQL (design, queries, management)
- AI/ML Tools & Libraries: NumPy, Pandas, Scikit-learn, TensorFlow (foundational knowledge)
- **Software & IDEs**: Visual Studio, Eclipse, Code:Blocks, XAMPP
- **Methodologies:** Software Development Life Cycle (SDLC), Agile teamwork
- **Productivity Tools:** Microsoft Word, Excel, PowerPoint
- **Core Strengths:** Problem-Solving, Collaboration, Adaptability, Quick Learning

## Education

Diploma in Information Technology
Richfield College | 2021 – 2023
Modules: Programming, C##, Operating Systems, Management Information Systems, Work Integrated Learning

National Senior Certificate (Grade 12)
Mahoai High School | 2016 – 2020

## Projects

- Artisan Engine (Capstone Project)
- Acted as Front-End Developer in a team project
- Applied seven phases of SDLC to design and develop the application
- Built a user-friendly interface using JavaScript, HTML, and CSS
- Collaborated in a team setting, strengthening communication and teamwork skills
- Demonstrated problem-solving in debugging and optimizing front-end performance

## Certifications

- **AI Essentials**
- **Generative AI with Large Languages Models**
- **Machine Learning Specialization**

## Professional Interests

- Artificial Intelligence & Machine Learning (model development, data analysis, automation)
- Software Development (full-stack, API integration, scalable systems)
- Data Science (data-driven decision-making, visualization, and insights)