### NYATHI MDUDUZI KEVIN

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| Profile I am a final year student pursuing a National Diploma in Information Technology, with a strong passion for technology and a desire to contribute to the IT industry. Throughout my academic journey I have gained a solid foundation in various IT concepts and technical skills such as Object Orientated Programming(C++, C#, Java,Python) Industrial automation, IT Electronics, Database(MySql, JETSQL), Operating Systems(Linux, Robot Operating System) Sensors and actuator. I am eager to apply my knowledge in a professional setting while continuously learning and adapting to new technologies and industry trends. Contact PHONE:  0736597954  ADDRESS:  14467 Ivory Park  Ext 13 Mahlatsi Street  EMAIL:  Mduduzikevin93@gmail.com referencesKyle Stone, Lecturer Telephone: 0123829764  Email: [StoneK@tut.ac.za](mailto:StoneK@tut.ac.za) Thuli Makhura, Lecturer Email: [MakhuraTM@tut.ac.za](mailto:MakhuraTM@tut.ac.za) | EDUCATIONTSHWANE UNIVERSITY OF TECHNOLOGY| INFORMATION TECHNOLOGY (INTELLIGENT INDUSTRIAL SYSTEMS) 2019 – 2023 MGUDLWA HIGH SCHOOL | GRADE 12 2014- 2016 objective Seeking an internship/entry level position in the field of Information Technology, where I can apply my technical skills, learn from experienced professionals and contribute to the success of an innovative organization experience As a final year student I have completed several academic projects and assignments that have enhanced my technical skills and problem solving abilities.   * Developing an employee clock in system (Face recognition based) using Rasperi Pi 4, python. * Water tank level controller using PLC and ladder logic * Digital Code Lock using 8051 microcontroller   Additionally I have actively participated in extracurricular activities such as hackathons to further develop my skills and gain practical experience in a competitive environment. **SKILLS**jokjj  * Proficient in Programming languages: C++, Python, Java, C#, Assembly * Database Management: Knowledge of SQL and database systems (Oracle and MySQL) * Artificial Intelligence and Machine Learning : Familiar with AI/ML concepts, algorithms and frameworks (PyTorch) * Strong written and verbal communication skills, enabling effective interaction with team members * Software development Lifecycle: understanding of the stages of software development including design, coding, testing and maintenance * Prototyping and Development Tools: Experience with IoT prototyping platforms and development tools such as Arduino, Rasperi Pi, Altera board * Hardware and sensor knowledge: Knowledge of different types of IoT hardware components such as microcontrollers, sensors, actuators and communication modules. Understanding how to select and integrate these components into Iot systems |
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