Nkosingiphile Mbhele

CONTACT INFO

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Website: https://nkosip.github.io/Nkosingiphile-Mbhele-Portfolio/

PROFILE

I am a motivated, hardworking professional who believes that goals are achieved through dedication and perseverance. With a vibrant personality and excellent communication and writing skills, I bring a dynamic and proficient presence to the workplace by being proactive and open to new challenges. I aim to secure a responsible career opportunity that allows me to fully utilize my training and skills, while making a significant contribution to the organization's success.

EXPERIENCE

IT Audit Trainee, FirstRand Group   1 JUL 2022 – 30 JUN 2023

- Evaluate and ensure the security, efficiency, and compliance of FirstRand's information technology systems and processes.

EDUCATION

University of KwaZulu-Natal   12 FEB 2024 – 20 DEC 2024

- Bachelor of Commerce Honours in Information Systems and Technology

University of KwaZulu-Natal   4 FEB 2017 – 1 DEC 2020

- Bachelor of Science Computer Science & Information Technology

PROJECTS and DEMONSTRATIONS

UKZN Medical School Patient Record System   2024

- **Objective:** Digitized patient record management to eliminate manual handling.
- **Technologies:** ASP.NET MVC, Azure Blob Storage, Microsoft SQL Server.
- **Role:** Key team member in developing and delivering the first version.
- **Outcome:** Successfully deployed the initial version; documented in an academic defense.

UKZN Medical School Patient Record System APIs   2024

- **Objective:** Develop APIs for storing and retrieving patient files.
- **Technologies:** ASP.NET Core Web API, Azure Blob Storage, PostMan Client.
- **Role:** Contributed to the design and implementation of the first basic version.
- **Outcome:** Completed initial version handling storage and retrieval of patient files.

Hotel Booking Data Analysis Demo   2024

- **Objective:** Demonstrate key statistical techniques, data visualization, and insight extraction from a hotel booking dataset.
- **Technologies:** R, RStudio
- **Role:** Conducted data cleaning, implemented key statistical techniques, and created visualizations for decision-making.
- **Outcome:** Delivered a comprehensive demonstration showcasing actionable insights from the dataset.

Reshaping South Africa's Educational Landscape: The Impact of 4IR/5IR   2024

- **Objective:** Authored an in-depth analysis exploring how 4IR/5IR technologies influence access, equity, and job preparedness in education.
- **Platform:** Published on LinkedIn and personal website.
- **Role:** Conducted research, structured the article, and highlighted actionable insights.
- **Outcome:** Successfully shared knowledge and engaged readers on critical issues in education and technology.

SKILLS

- **Programming:** Java, C#, OOP, Algorithms & Data Structures
- **Web Development:** HTML, CSS, JavaScript
- **Frameworks:** Spring Core, Spring Boot, Spring Security, Spring MVC, Spring WebFlux
- **Databases:** MySQL, JPA
- **Tools and Libraries:** REST API, Thymeleaf, Junit, Mockito, Maven

- **Methodologies:** SDLC
- **Soft Skills:** Problem Solving, Critical Thinking, Attention to Detail, Time Management, Communication, Teamwork, Learning Agility, Positive Attitude

ACTIVITIES

- Currently learning Big Data Management with a focus on Hadoop.

ARCHIEVEMENTS

- Selected as part of the team responsible for developing a system for the medical school.
- Earned three distinctions during my Honours degree.
- Achieved 82% for my research paper.

PROJECTS and DEMONSTRATIONS LINKS

- https://github.com/Nkosip
- https://nkosip.github.io/Nkosingiphile-Mbhele-Portfolio/demo.html
- https://nkosip.github.io/Nkosingiphile-Mbhele-Portfolio/article.html
- https://www.linkedin.com/pulse/reshaping-south-africas-educational-landscape-impact-4ir5ir-mbhele-b065f/

REFERENCES

Available upon request.