

Katlego Irvin Mailula

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GITHUB | HACKERRANK | LINKEDIN

EDUCATION

UNIVERSITY OF LIMPOPO
BACHELORS, MATHEMATICAL SCIENCES

January 2021 – June 2024
Limpopo, South Africa

TECHNICAL SKILLS

- | | |
|-------------------------|---|
| ▪ PROGRAMMING LANGUAGES | C#, Java, TypeScript, JavaScript |
| ▪ LIBRARIES/FRAMEWORKS | WPF, WinForms, React, MUI, Tailwind CSS |
| ▪ TOOLS/PLATFORMS | Git/GitHub, VS Code |
| ▪ UI DEVELOPMENT | XAML (WPF), HTML/CSS |
| ▪ DATABASES | MySQL |

PERSONAL PROJECTS

PIG GAME | [LINK](#) C# , WPF

- Developed this classic game with **C#** and the **.Net** framework **Windows Presentation Foundation** (WPF).
- Using **Object Oriented Programming** principles and implementing the **MVVM** design pattern to ensure the application is maintainable.

MY PORTFOLIO | [LINK](#) TypeScript, Reactjs, Tailwind CSS

- A personal website I developed to showcase my technical skills in software development/engineering.
- Utilizing **responsive web design techniques** to ensure adaptability and the power of **TailwindCSS** for styling.

E-LEARNING SITE TEMPLATE | [LINK](#) JavaScript, Reactjs, MUI

- A template for an e-learning site or an organisation built with **Reactjs** and **MUI**.
- I developed this project in order to gain hands-on experience with core React concepts such as **Components**, **State Management** and the **Virtual DOM**.

CERTIFICATIONS

- Java (basic) - **HACKERRANK**
- Web Development - **SOLOLEARN**
- SQL (Basic) - **HACKERRANK**
- Problem Solving (Basic) - **HACKERRANK**