

Neo Molatelo Ramashapa

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<https://github.com/NeoRamashapa?tab=overview&from=2023-07-01&to=2023-07-29>

TECHNICAL SKILLS

Front End | C#, HTML JavaScript, CSS, ASP.NET Core MVC

Back End | Python, SQL

Theory | Software Development Principles, Data Modelling, Advanced Analytics and Design, Software Testing, OOP, Algorithms & Data Structures, UX/UI Principles & Project Management

EDUCATION

Nelson Mandela University

National Diploma in Information Technology (Software Development)

PROJECTS

1. Learner Management System | 2022 | Final Year Project

Developed a comprehensive platform using Asp.net, C#, MS SQL, JavaScript, jQuery, HTML, and Bootstrap technologies.

- **Parent Engagement:** Empowered parents to actively participate in their child's educational journey, fostering a collaborative learning environment.
- **Multi-User Interaction:** Facilitated interaction between parents, educators, and coordinators, streamlining communication.
- **Educator Management:** Allowed coordinators to assign subjects and manage educator feedback efficiently.
- **Feedback System:** Ensured efficient handling of communication between educators and learners.
- **Traffic Reduction:** Reduced walk-in communication between parents and school authorities.

2. Weather Application | 2023

I designed, developed, and deployed a dynamic weather application that provides real-time weather information to users.

- **Feature-rich Interface:** Designed an intuitive and visually appealing user interface, allowing users to input locations for weather updates.
- **Real-time Data Integration:** Implemented APIs to fetch and display real-time weather data, including temperature, humidity, wind speed, and forecasts.
- **Responsive Design:** Employed responsive design techniques to ensure optimal performance and appearance across various devices, such as smartphones, tablets, and desktops.
- **Unit Testing:** Conducted thorough unit testing to validate the accuracy and reliability of weather data, enhancing the application's overall robustness.

EXPERIENCE

Resident Student Learner | Nelson Mandela University | Feb 2021 – Dec 2021

- Assisted with check-in and check-out processes each semester.
- Developed programs and activities for social, spiritual, and intellectual growth.
- Led floor meetings and completed necessary paperwork.

Education Assistant / e-Cadre | Boikanyo Primary School | May 2023 - Sept 2023

- Provided administrative support to the school.
- Performed tasks such as typing, photocopying, data entry, filing, and record-keeping.