RELEBOHILE BRIGHTNESS MOLEFE

THIRD YEAR ICT: APPLICATION DEVELOPER STUDENT

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SUMMARY

My academic background in ICT (Application Development) has equipped me with a strong foundation in software development and a keen understanding of business principles. I am passionate about leveraging my technical skills to design, develop and deploy innovate software solutions that drive business growth, improve user experiences (UX). I am eager to contribute my expertise to craft applications that transform the way organizations operate, while ensuring the security, integrity and reliability of their digital assets.

TECHNICAL SKILLS

- Java
- JavaScript
- PHP
- MySQL
- Figma
- HTML
- CSS
- Agile
- Scrum
- Python

PROJECTS

GreenHub   **Jan 2024 – Nov 2024**

- A web-based application designed to help people find nearby recycling centers with just few clicks while educating people on topics surrounding recycling and a little bit of climate change.
- The application also included two educational games; Recycle Quiz (answering quiz questions based on recycling) and Recycle Rush (sorting out waste materials into the correct bin).
- Made use of PHP for database management purposes. JavaScript for functionality and validation. HTML and CSS as fundamental building block.

Voting System Server   **Oct 2024 -Nov 2024**

- Designed an online voting car system that implemented servers and databases using Java Maven.

- The system was for users to vote for the car of their choice, and after voting they can be able to view the number votes. The users were also able to add their own car choice into the vote panel.

CPUT Mobile Application UX Design   **Sept 2024 -Nov 2024**

- Purpose: The project is aimed at creating a mobile application for Cape Peninsula University of Technology (CPUT) which connects campus services like navigation, class enrollment, and issue reporting in the same, user-friendly platform for students, staff, and faculty.

- Approach: On the basis of UX design principles such as Gestalt Principles and Design Thinking, the project will develop a user-friendly, interactive prototype that will improve the user experience, make the CPUT brand more pronounced, and also solve the user pain points.

REFERENCE

Supervisor Details(GreenHub Project):

Name: Mr Joseph Chigbogwu

Surname: Akwunwa

Email: akwunwaj@cput.ac.za

Contact Number: 0219538479 /073 849 6465

Project Team Member Details(CPUT Mobile App UX/UI Design):

Name: Ms Pelisa

Surname: Pali

Email: palipelisa@gmail.com

Contact Number: 081 527 4258

EDUCATION

Diploma ICT (Information Communications and Technology)   **Jan 2023 - Current**

Cape Peninsula University of Technology

- Major/Stream in Application Development
  Main programming language used is Java in NetBeans and Intellij

Higher Certificate ICT (Information Communications Technology)   **Jan 2022 - Dec 2022**

Cape Peninsula University of Technology

- Relevant coursework in programming and networking (CISCO).

National Senior Certificate   **Jan 2020 -Dec 2020**

Royal College

PERSONAL INFORMATION

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