RELEBOHILE BRIGHTNESS MOLEFE

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SUMMARY

I am currently doing my final year in Diploma ICT (Application Development). My academic background has equipped me with a strong foundation in software development and database development. Skilled in SQL, data analysis and system thinking. I have a great interest turning data into useful insights and deploy innovate software solutions to support business decisions. During my academic journey I have learnt to work with other people proficiently and also very familiar with Agile Approach. 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.

PROJECTS

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 able to 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 was aimed at creating a mobile application for Cape Peninsula University of Technology (CPUT) which connects campus services like navigation, class enrolment 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.

The Green-App   **Jan 2024 - Nov 2024**

- A web-based application designed to help people find nearby recycling centres 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; Recycling Quiz and Recycling Rush(sorting out waste materials into the correct bin).

EDUCATION

Diploma in ICT (Application Development)   **Jan 2023 - Present**

Cape Peninsula University of Technology (CPUT)
- Relevant coursework in Application Development, database development and architecture and Agile Approach.
- GitHub collaboration.
- Module/coursework Data Analytics as my Elective module (Third year; currently)
- Did Python basics as my Elective module (Second year)

Higher Certificate in ICT   **Jan 2022 - Dec 2022**

Cape Peninsula University of Technology (CPUT)
- Relevant coursework in programming and fundamentals of Qualitative module, Information Systems.

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

Royal College
- Relevant subject Computer Application Technology (CAT)

TECHNICAL SKILLS

Programming Languages: JAVA, Python, PHP, JavaScript, MySQL, HTML and CSS
Software and Tools: Power BI Desktop, Intellij IDEA, MySQL Workbench, GitHub, Figma
Methodologies: Agile, SCRUM
Microsoft 365 Apps: Excel, Word, PowerPoint Presentation

REFERENCE

Supervisor Details (The Green-App Project)
Name: Mr Joseph Chigbogwu
Surname: Akwunwa
Email: akwunwaj@cput.ac.za
Contact Number: 021 953 8479/073 849 6465

Project Team Member Details(CPUT Mobile Mobile App UX/UI Design)
Name: Ms Pelisa
Surname: Pali
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Contact Number: 081 527 4258

PERSONAL DETAILS

Name(s): Relebohile Brightness
Surname: Molefe
Email Address: molefebrightness@gmail.com
Contact Number: 069 782 8912
Languages:
- English: Fluent
- Sesotho: Native
- isiZulu: Intermediate
- Afrikaans: Basics

GITHUB LINK

https://github.com/RelebohileMolefe2