Interactive Quiz Website **Assessment**

As this was a solo project, this meant I planned, managed and developed it myself. Through out the design stage I was responsible for communicating the colour schemes, font pairing and mock-ups for iterative development with the client and stakeholders. In order to keep track of progress I used tools such as Trello, ClickUp and GitHub. By the end of the project I delivered a functional outcome to the client.

SKILLS SUMMARY

Problem Solving

One of the main things that sets me apart from my peers is my passion for solving complex problems. An example of this was during the development of my web portfolio when I wanted to display information data using GitHub's API, but had never dealt with external data sources before. To achieve my goal, I broke down the problem into smaller more manageable problems such as researching different kinds of API's, then the implementation details, followed by a test example. And now the projects section of my website is the result of my persistence through problem solving.

Communication & Leadership

In addition to my problem solving skills, my experience leading my college's first XI hockey team and University group projects have taught me how effective clear communication and asking for help is, in a team environment. As I volunteered to be the project lead on our group project ANDIE, I had the responsibility of organising and managing our team of developers. This meant I was monitoring the overall progress of the project along with the how everyone was tracking with their tasks as well as communicating any blockages and updates to the team.

I took part in my College's Website Redesign Team in my last year studying at high school. This included working in a team with fellow students, teachers and alongside an Australian based developer. This further contributed to my team and communication skills in a work environment.

Self Development

My self-motivation, curious nature and strong work ethic helps drive me to continuously seek how I can develop both my soft skills and technical skills. I have shown this through volunteering to be the project lead in my most recent group software development project and through my personal projects.

Of which, my most recent one was for processing super market receipts, with the goal to develop a product allowing flatmates to calculate the portion of the bill each person is responsible for. This was in response to a need for such an app in my flat.

TECHNICAL SKILLS

Java & Object Oriented Programming
- I have been practicing Object Oriented Programming through out my senior years of College and University study where I have developed basic GUI systems and studied Algorithms & Data Structures using Java

Python & R
- I gained experience programming in Python through creating Pygames in my spare time as well as completing a number of assessments during my studies.
- Through out my studies I completed an introductory data science paper where we used both R and Python for creating various visualisation and models. We worked with common data science libraries such as common data science libraries such as NumPy, Pandas & MatPlotLib

Web Development (HTML/CSS/JavaScript/PHP/SQL/React)
- Learnt and developed my current personal portfolio using React.js
- Developed multiple web based teaching resources, including an interactive quiz website using PHP & SQL for my collage's computer science department
- Further developed my knowledge of web technologies at university.

REFFERENCES

Bunna Ny   **Currently.**   **Assistant HOD Technology at Wellington Girls' College**
bunna.ny@wgc.school.nz or 022-099-6710

I worked closely with Bunna for 2 years while he was my Digital Technologies teacher. He also approached me about taking part in the website redesign for my college, where we worked together for a short time.

Jaeson Ryfle-Turi   **Currently.**   **Assistant HOD Technology at Onslow College**
jaesan.ryfle-turi@onslow.school.nz

Jaeson was my teacher for a year and has worked with me throughout my Interactive Website Project.

James Malden   **Director, Wealth Management Adviser at Jarden**
james.malden@jarden.co.nz or 021-274-0730

James Malden has been a long lasting family friend of ours.

LINKS

LinkedIn   **Github**
linkedin.com/in/JamesRobionyRogers   github.com/JamesRobionyRogers