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Portfolio:

Internship Objective

As a dedicated student currently pursuing a Diploma in Digital Design and Development, I have developed a strong foundation in **business intelligence, data analytics, and web development**. I am eager to contribute analytical and technical expertise to support **data-driven decision-making and digital transformation** initiatives. My goal is to leverage my skills in data analysis, visualization, and technology integration to deliver actionable insights and drive business value in a dynamic organization.

Key Skills

Technical Skills

1. **Programming & development:** Proficient in Python, JavaScript, HTML/CSS, and SQL
2. **Business Intelligence & data analysis:** skilled in Tableau and Power BI
3. **Database Management:** Skilled in MySQL and relational database design
4. **Full Stack Development:** Experienced in developing both front-end and back-end applications using frameworks like React, React Native, and Node.js
5. **Mobile App Development:** Skilled in designing and developing cross-platform mobile applications for Android and iOS, with a focus on responsive and user-friendly interfaces
6. **Web Development:** Competent in building responsive websites with strong attention to UI/UX design principles
7. **UI/UX Design:** Experienced in mobile UI/UX design using Figma for wireframing,
8. **Fundamentals of design:** Experienced in using Adobe Illustrator, Adobe Photoshop
9. prototyping, and design systems. Skilled in user research, usability testing, and creating digital assets (icons, illustrations, components)
10. **Cybersecurity Skills:** Encryption & decryption, access control, secure communication, authentication basics

11. Augmented & Virtual Reality (AR/VR): Familiar with designing interactive AR/VR experiences using Unity, including 3D asset integration and user interaction design

Soft Skills

1. Adaptability
 2. Communication
 3. Attention to detail
 4. Collaboration
 5. Empathy
 6. Emotional Intelligence
 7. Interpersonal skills
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Education

Republic Polytechnic

Diploma in Digital Design and Development (Graduating in 2027)

- Relevant Modules: **Software Development Process, Web & Mobile App Development, AR/VR, Business Intelligence, UI/UX for Apps**

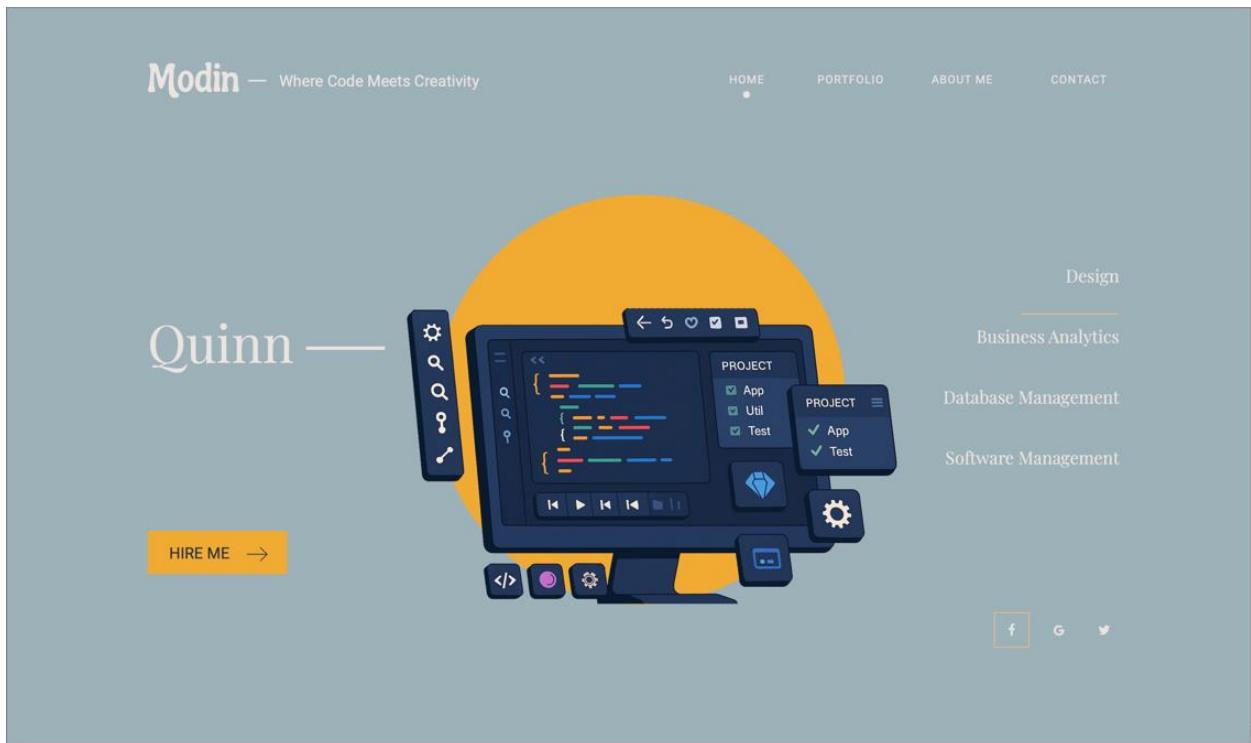
Evergreen Secondary School

- **GCE 'O' Levels (2019-2023)**
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Projects & Experience



The works in this portfolio were done using Adobe Illustrator, Photoshop, VScode: JavaScript , PowerBI,Unity



The screenshot shows a portfolio website for a developer named Quinn. The header features the name 'Modin — Where Code Meets Creativity' and navigation links for HOME, PORTFOLIO, ABOUT ME, and CONTACT. The main content area has a large yellow circular graphic containing a dark blue interface simulation showing code snippets and project management. To the right, there are four categories: Design, Business Analytics, Database Management, and Software Management, each with a checkmark icon. At the bottom left is a 'HIRE ME →' button, and at the bottom right are social media icons for Facebook, Google+, and Twitter.

About Me

Blending Technical Expertise with Creativity in Digital Design & Development

Currently pursuing a Diploma in Digital Design & Development, I've built a solid foundation in software development, web technologies, data analysis, and virtual reality. My hands-on experience includes using VR headsets, SQL, Power BI, and Tableau.

Outside academics, I practice piano, which enhances my discipline, attention to detail, and creativity. I'm especially interested in roles such as data analyst, business intelligence, or software development where I can apply my skills in coding and analytics.



DATA ANALYSIS



CODING



WEB TECHNOLOGIES



SQL



CREATIVITY

Portfolio

CHARACTER DESIGNS

This project explores modular character design through various styles. The goal was to create characters with unique features like hats, accessories, clothing, and facial features. By using a modular approach, I can easily combine different elements to create new characters.

TRAVELLY - AGENCY DESIGN

I developed a travel agency website design for Travelly. The goal was to capture the excitement and joy of travel through vibrant colors and dynamic typography. The website features a clean layout with sections for travel packages, destination guides, and user reviews.

Immersive Technology Module #1

For my first project, I developed a virtual science lab environment using Unity and a VR headset. The VR environment was designed to simulate a realistic lab setup. I used Unity's XR Toolkit, including the VR Interaction Manager, to enable smooth VR interaction. This project helped me understand the fundamentals of VR development and design, and user interaction in immersive environments.

IMMERSIVE TECHNOLOGY MODULE #2

In this project, I built an interactive VR experience using Unity. You can engage with a slime model using VR controllers. When the slime is touched or grabbed, it disappears, and after a short delay, it reappears at a random location and timed events. This project helped me understand how VR sensors work, timing and scripting behaviors in a VR environment, and VR input handling.

Portfolio

THE SUPERMARKET APP

I developed a coded web application that allows supermarkets to manage their online grocery inventory. Supermarkets can add products by entering the name, uploading a product image, setting the quantity and price, and includes full functionality to edit or delete items.

Product Page Updates

This project was designed to simulate how a supermarket could update its product listings easily. I built it from scratch, gaining experience in front-end development, form handling, and implementing CRUD (Create, Read, Update, Delete) operations.

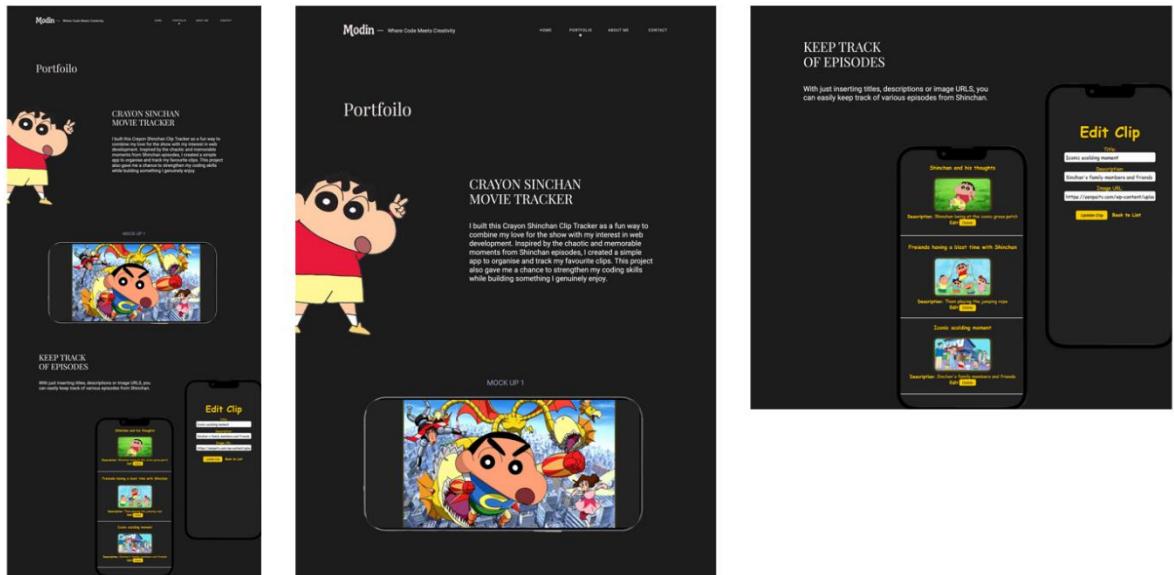
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Portfolio

ALL DESIGN CODE MOBILE UI VIEW ALL

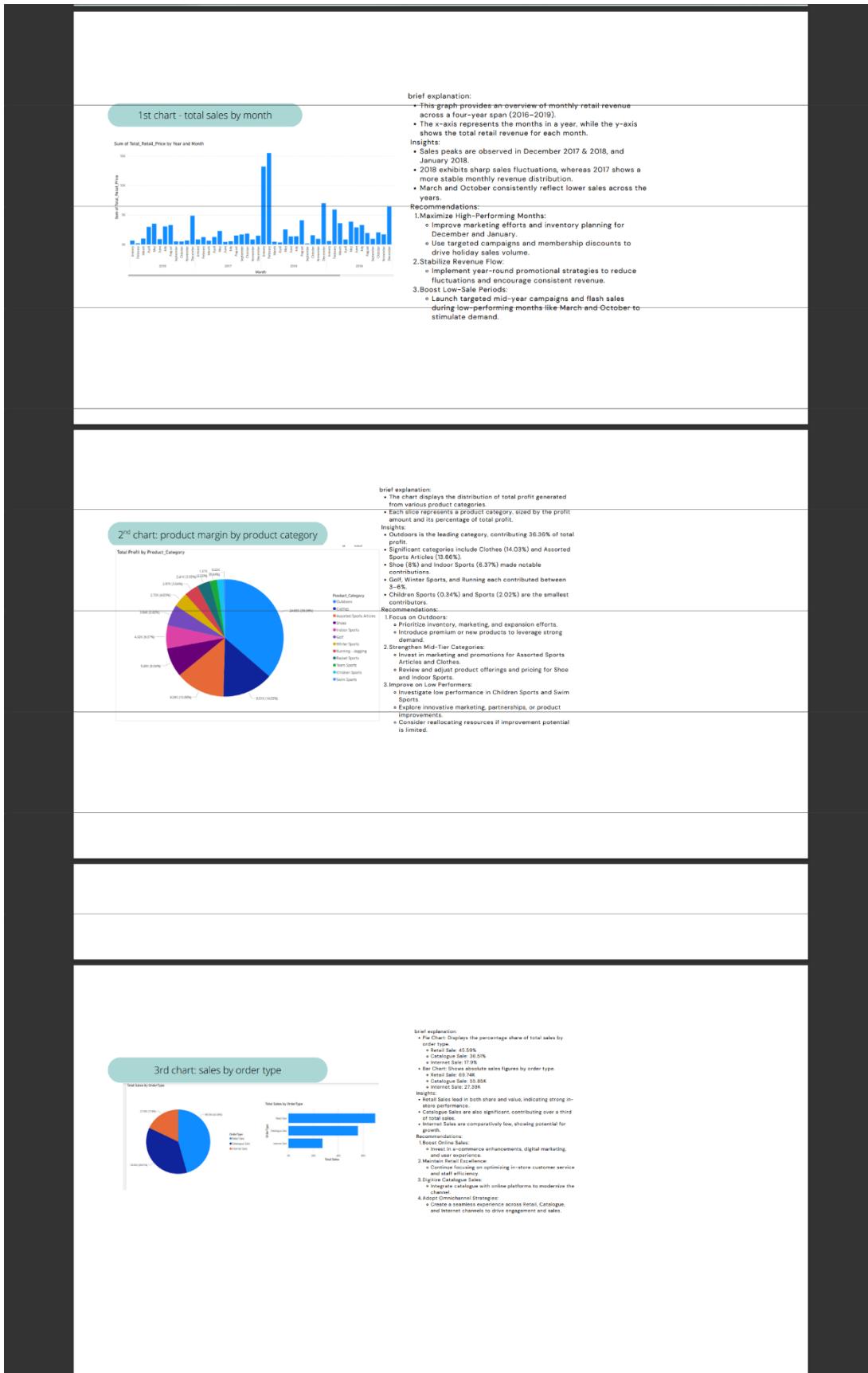
CHARACTER DESIGNS

IMMERSIVE TECHNOLOGY MODULE #1

TRAVELLY

ELDERLY ASSISTANCE APP

IMMERSIVE TECHNOLOGY MODULE #3





Leadership & Volunteer Experience

Republic Polytechnic

Leadership Experience:

1. Student Leader: OP Student Leader Training 2025(AY 2024)
 - Brief description: Was in-charge of a new batch of year 1 students
2. Selected to be an aspirant in the Youth Corps Leaders Program (Ongoing)
 - Brief description: As a Youth Corps Aspirant, you undergo training, team activities, and mentorship to build leadership and project skills, preparing you to lead meaningful community initiatives.

Volunteer Experience:

1. Volunteered at KidsCount(2024)
 - Brief description: KidsCount is a programme by SG Cares and Care Corner that trains youth volunteers to mentor and support children aged 4–6 from disadvantaged

- backgrounds. Volunteers act as “big brothers/sisters,” using fun, hands-on activities to build the children’s interest and confidence in numeracy.
2. Volunteered at YCLP project – TechAbility (2024)
 - Brief description: Engaged the People with Disabilities at THK Home for Disabled Adults to do activities such as teaching them basic IT skills, scrapbooking and more
 3. Participated in a Nationwide volunteering & leadership training -Programme X (2025)
 - Brief description Programme X is a volunteer leadership development programme that trains youth to lead community service projects and support other volunteers.

4 Leader in Project Open Door with Youth Corps (Ongoing)

- Brief description: Currently leading the team in working with an external client Trybe and the target audience is youth at risks

5.Participated in Youth Corps Leaders Program- YCLP (2025)

- Brief description: The Youth Corps Leaders Programme is a 9–12 months leadership programme for youths aged 17–25. Participants receive training and mentorship to design and lead a sustainable community project that tackles real social needs.

Evergreen Secondary School

1.Level head for the sec 4 batch of cadets & was disaster management IC for Red Cross Youth

- Brief description: Led and guided the Sec 4 cadets while overseeing disaster management training and emergency preparedness activities

2.Participated in the annual Singapore Red Cross fundraising events

- Brief description: to support humanitarian efforts and community programs

3.Chinese New Year hamper wrapping from 2017-2023

- Brief description: Packed and prepared festive hampers for beneficiaries, promoting community care and support during the festive season.

4.Covid-19 service-learning project in 2021

- Brief description: Packed and prepared festive hampers for beneficiaries, promoting community care and support during the festive seasons

5.Service-learning project on raising awareness about migrant workers from 2022-2023

- Brief description: Organized and led initiatives to raise awareness and appreciation for migrant workers, promoting inclusion and community understanding
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Achievements & Award

Evergreen Secondary School:

- Edusave good progress award 2020
- Edusave good leadership and service (eagles) 2022
- Silver award for VIA award 2022 for school service
- Silver award for Student leaders award 2022 for leadership
- Gold award for Colours award 2022 for overall performance in CCA
- Bronze award First aid championship for CCA's competition 2020
- Excellent unit award (Gold) for CCA's overall performance in 2021

International & National Achievements in Piano:

International level:

- 1st place in 8th -9th Asia arts festival 2021-2022
- 1st place in 3rd Hong Kong Pacific Open Piano Competition
- 1ST place in 4th overseas performers festival 2020
- 3rd place in China – Beijing international piano competition 2021
- Gold award for the central conservatory of music national youth arts exhibition and festival 2022
- Gold award for the grand finals in Asia pacific international arts festival 2020

National level:

- Gold star award in Singapore performing arts festival
 - La pianista piano competition 2024 gold award
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Certifications & Courses

Frontend Development:

- JavaScript: Web Form Programming (2025)
 - JavaScript: Enhancing the DOM (2025)
 - Hands-On Introduction: React (2025)
 - Create a Quick, Clean, and Cheap Website with Bootstrap Templates (2025)
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Backend Development / APIs:

- Node.js Essential Training (2025)
 - Programming Foundations: APIs and Web Services (completed 2025)
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Software/Application Development & Testing:

- Software Testing Foundations: Test Planning (2025)
 - Unit Testing and Test Driven Development in Python (2025)
 - ISTQB Foundation Cert Prep (2025)
 - Project Management Foundations: Requirements (2025)
 - Agile Foundations (2025)
 - What Is Scrum? (2025)
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Digital Design / Creative Tools:

- Photoshop 2021 Quick Start (2025)
 - Illustrator 2023 Quick Start (2025)
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