Hang Hui Zhi

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A second-year student pursuing a Diploma in Digital Design at Republic Polytechnic, equipped with strong digital competencies and proven teamwork skills. Passionate about creating meaningful, user-focused experiences through thoughtful design.

Education

Diploma In Digital Design · Republic Polytechnic · 2023-2027

General Certificate of Education Ordinary Level · Singapore Examinations and Assessment Board · 2019-2023

General Certificate of Education Normal Level · Singapore Examinations and Assessment Board · 2019-2022

Skills

Soft Skills :   Presentation Skills · Time Management · Communication Skills · Attention To Detail · Empathy · Teamwork · Positive Attitude · Collaboration

Technical :   Programming & development: Proficient in Python, JavaScript, HTML/CSS, and SQL · Business Intelligence & data analysis: skilled in Tableau and Power BI · Database Management: Skilled in MySQL and relational database design · Full Stack Development: Experienced in developing both front-end and back-end applications using frameworks like React, React Native, and Node.js · Mobile App Development: Skilled in designing and developing cross-platform mobile applications for Android and iOS · Web Development: Competent in building responsive websites with strong attention to UI/UX design principles · UI/UX Design: Experienced in mobile UI/UX design using Figma for wireframing · Fundamentals of design: Experienced in using Adobe Illustrator, Adobe Photoshop · Cybersecurity Skills: Encryption & decryption, access control, secure communication, authentication basics · Augmented & Virtual Reality (AR/VR): Familiar with designing interactive AR/VR experiences using Unity

Work Experiences

Cashiering · Coffee shop   Aug 2024 - Sep 2024

- Assisted customers and managed payments during peak periods.
- Built confidence interacting with diverse groups in a fast-paced environment.

Packing · JI MEI FLOWER PTE LTD   Nov 2022 - Dec 2022

- Maintained accuracy and attention to detail while packing floral products.
- Developed patience and improved workflow speed under time-sensitive tasks.

Projects

Business Intelligence
Dec 2025

- Designed data dashboards and visualizations using Tableau to simplify complex problem statements.
- Documented insights and produced clear, actionable reports to support decision-making.

UI/UX Design
Dec 2025

- Designed an interactive website prototype from scratch using Figma.
- Focused on layout structure, accessibility, and user experience flow.

Mobile App Development
Nov 2025

- Built a Pokémon-themed mobile app using WebStorm and Android Studio.
- Implemented interactive features and basic UI components.

Software Application Development
Jul 2025

- Built a full Cat Café website with CRUD features for cat profiles and adoption management.

Immersive Technology
May 2001 - Jul 2025

- Designed and built a full Virtual Reality escape room from scratch.
- Created functional puzzle mechanics and interactive room elements.

Activities

Defeaning Club · Republic Polytehnic
Oct 2025 - Present

- Learned sign language and explored Deaf culture to support inclusive communication.

Rp Prompt Royal · Republic Polytechnic SOI
Jun 2025 - Present

- Created and refined prompts for chatbots and AI image generators.
- Helped users craft prompts for roleplay, storytelling, and creative concepts.
- Organized prompt libraries for easy saving, editing, and management.

Mooncake Making For Elderly Volunteer · Lions clubs of Singapore
Oct 2025 - Present

- Collaborated with volunteers to prepare and distribute mooncakes to elderly beneficiaries.

Floral Art Club CCA · Naval Base Secondary School
Feb 2026 - Apr 2023

- Practiced floral arrangement and design techniques for school events and exhibitions.

Netball CCA · Naval Base Secondary School
Feb 2019 - Feb 2021

- Built strong teamwork and communication skills through collaborative gameplay.
- Incorporated feedback to improve performance and strategy.

Languages

- English
- Maindrain

Certificates

JavaScript: Web Form Programming · LinkedIn   2025

JavaScript: Enhancing the DOM · LinkedIn   2025