

Academic Projects

ErrandGo | Flask, PostgreSQL, Javascript, Firebase

- Web-app that allows users to post errands on the platform itself, in which "runners" will take on any of the errands and complete them.
- Communicated with Client on requirement gathering, software design and development process.
- Implemented a Model-View-Controller structure to ensure usability and maintainability in development.

Clear Care | ASP.NET C#, HTML, Software Design

- Designed a modular healthcare management solutions to facilitate patient care, appointment scheduling, and medication tracking.
- In-depth of core module architecture diagram and design, and business process.
- Integrated with other core modules involved to facilitate interoperability

Library Management System | Software Modelling Analysis

- Written comprehensive project specification and analysis reports detailing methodology for analyzing requirement clause and categorization of requirements.
- Written a Software Requirement Specification document detailing system functions and constraints.
- Conducted Quality Control and Quality Assurance tasks with another project for requirement consistency.

Eye Rest Mobile App | Kotlin, Jetpack Compose, MediaPipe

- Developed an Android app that detects eye strain and reminds users to take breaks.
- Integrated MediaPipe Face Mesh for real-time eye tracking and used Jetpack Compose for UI.
- Implemented timer, progress visualization, and data insights using Kotlin.

Internship Experiences

Graphic & UI/UX Designer

September 2022 to April 2023

Level Five Solutions

- Designing User Interfaces of POS systems e.g. Kitchen Display System.
- Directing interviews and filming use of POS system for promotion in new outlets. Edited video clips to further emphasize on the promotion and benefits of the POS system.
- Designing and administering refill of name cards and posters for events.

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**My Visual
Portfolio**

Work Experience

Front-End Developer

September 2020 to February 2021

GERMS Digital Pte Ltd

- Developed and validated an Electronic Direct Mail to promote LUXIEE promotional deals.
- Designed and developed a footer for UOB Visa Infinite website for all interfaces (mobile, tablet and desktop) to improve user experience on website.
- Produced Content Population of Shop UOB website to promote monthly deals.

Relevant Skills

- Programming: Python, C, Java, JavaScript, HTML5, PHP, CSS and ASP.NET Core, C#, SASS.
- Frameworks: Node.js, Bootstrap, Flask, SQLAlchemy ORM, Google MediaPipe.
- Software; Photoshop, Illustrator, Light Room, Premiere Pro, Cinema 4D and After Effects.

Education History

Bachelor's in Information Communication and Technology in Software Engineering

Institution: Singapore Institute of Technology (SIT)

Year of Graduation: Current (expected 2027)

CGPA: 3.71

Diploma in Multimedia and Infocomm Technology with Merit (DMIT) - Specialization in Creative Media

Institution: Nanyang Polytechnic (NYP)

Year of Graduation: 2021

Awards and Certifications

SCRUM

June 2025

Professional Scrum Master 1

Director's List - NYP

2018, 2019, 2020 (each year, achieved in both semesters 1&2)

Recognized for maintaining a high GPA throughout the semesters.

Popular Choice Award - NYP

2019 DMIT Showcase

Awarded for the most popular choice project in DMIT showcase.