TJANDRA PUTRA

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EDUCATION

Singapore Management University   Singapore
Bachelor of Science (Information Systems)   **Aug 2021 – Aug 2025**
                                                                                                               (Expected)

Nanyang Polytechnic   Singapore
Diploma in Business Informatics (Merit)   **Apr 2018 – Apr 2021**
Attained Dean's list for 4 semesters

EXPERIENCE

Nanyang Polytechnic   Singapore
Software Engineer   **Jul 2020 – Sept 2020**
- Gathered requirements, efficiently implemented process automation for human resource team, increased productivity
- Developed and designed an algorithm that classified and sorts emails with machine learning and automation
- Developed with: Python, UiPath, Data Science Libraries

Nanyang Polytechnic   Singapore
Full Stack Engineer   **Mar 2020 – May 2020**
- Developed and maintained a web application that used both back-end and front-end technologies
- Created a chatbot and a Learning Management System (LMS) with complete content management capabilities
- Built with: Python, Flask, HTML, CSS, Bootstrap, Javascript, Data Science Libraries

Freelance   Singapore
Software Engineer   **Jan 2020 – Mar 2020**
- Collaborated extensively with clients to deliver requirements in an incremental and iterative methodology
- Configured, managed domains and deployed applications
- Designed and built high-fidelity prototypes of the applications
- Obtained a high degree of customer satisfaction

SKILL

Languages: Python, Javascript, Python, PHP, HTML, CSS
Frameworks: React, Django, Flask, Bootstrap, Material UI
Databases: SQL, Firebase, MongoDB
UI/UX Design: Figma
Others: Git, GreenSock Animation Platform (GSAP), UI Path
Interpersonal: Critical Thinking, Creativity, Adaptability, Positivity, Collaboration

PERSONAL PROJECTS

Web Development: Anico Ecommerce   Github
Technology: React, GSAP, Python, Flask, SQL, Bootstrap, CSS, JS
A full-stack application that is attractive, simple, responsive, and feature-rich in order to boost process efficiency and improve customer experience

UI/UX Design: Shopee Ecommerce Concept
Technology: Figma
I participated in the Google Developer Student UX/UI Competition and improved the customer
experience for the existing Shopee mobile application.

Web Development: University Analysis
Technology: React, Real-time APIs, Chart.js, Material UI
A platform provides students with an insightful visualisation of analytics from a graduate employability
survey conducted by six local universities in Singapore

Web Development: Linkvine
Technology: Python, Flask, Amazon RDS, Amazon S3, Amazon Elastic Beanstalk, CSS, JS, Bootstrap
A platform that allows you to create a personalised and easily configurable page with all
of the relevant links you want to share with your audience

Username: testuser, Password: password

ACADEMIC PROJECTS

High Fidelity Prototyping: Sniffy
Technology: Figma
Created a high-fidelity, interactive prototype of a Pet Grooming Ecommerce website. My objective was
to improve the experience of customers and their pets through practical concepts, UI and UX design.
This project was awarded *distinction*

CO-CURRICULAR ACTIVITIES

Singapore Management University
SMU Artificial Intelligence Club
- Active member of SMU AI Club and participated in various workshops

SMU Student Developer Club (DSC)
- Participated in SMU DSC UI/UX Competition 2022 using Figma Technology and collaborated with
  team member

Nanyang Polytechnic
Student Organiser for Freshmen Orientation, School of Information Technology (SIT)
- Collaborated with club members to create fun, physical, and innovative activities to foster a highly
  dynamic and engaging environment for freshmen
- Collaborated with club advisors and proposed game ideas

Peer Tutor for Computing Mathematics and Programming
- Volunteered to be a student mentor and helped other students with their assignments and
  clarifications on certain concepts

Student Ambassador for CITI Demos Setup
- Tasked with the responsibility of configuring computers for visiting guests to use

Workshop Participations
- Academic Workshops: AWS IoT, AWS Cloud Serverless, DSC Kotlin, DSC Tech Week,
- Non-Academic Workshops: MIT T-Shirt Design Competition, MIT Soap Making, Cross Cultural
  Symposium