

Tjandra Putra

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Internship availability: May 2024 - Aug 2024

EDUCATION

Singapore Management University

Aug 2021 - Aug 2025 (Expected)

Bachelor of Science (Information Systems), Digitalisation & Cloud Solutions

- Relevant modules: Web Application Development, Data Structures and Algorithms, UI/UX
- Online Modules: MERN Stack Course 2023 (Udemy), Java Programming Masterclass updated to Java 17 (Udemy)

Nanyang Polytechnic

Apr 2018 - Apr 2021

Diploma in Business Informatics

- Diploma with Merit (Top 10%), attained Director's List (Top 15%) for multiple semesters

SKILLS / CERTIFICATIONS

Programming: Python, Javascript, Node.js, HTML/CSS

Certifications: AWS Cloud Quest: Cloud Practitioner, Microsoft Azure Fundamentals, Ui Path Certified: Developer Foundation Training, Google Certified: Foundations of User Experience (UX) Design

Libraries/Frameworks: Express.js React, Django, Flask, Bootstrap, Vuetify

Databases: MySQL, Firebase, MongoDB

Technologies: Node.js, Git, AWS, Ui Path, Docker, Figma

Languages: English, Chinese, Hokkien

WORK EXPERIENCE

Freelance

Full Stack Developer

Nov 2022 - Dec 2022

- Developed an enterprise solution application utilising Python, Django and SQL to analyse and track employee work hours
- Designed and proposed wireframes using figma to meet changing requirements
- Collaborated extensively with clients to deliver requirements in an incremental and iterative process
- Demonstrated exceptional production work, resulting in additional collaborations and successful business deals

Nanyang Polytechnic

Automation Developer

Jul 2020 - Sep 2020

- Developed and implemented an algorithm that sorts emails using machine learning and automation techniques
- Gathered requirements, successfully automated HR processes, boosting team productivity
- Increased automation speed by 33.3% through code refactoring
- Developed with: Python, UiPath, Data Science Libraries

Nanyang Polytechnic

Full Stack Developer

Mar 2020 - May 2020

- Constructed and sustained a web application utilising both front-end and back-end technologies
- Developed a chatbot and an LMS with full content management functionality
- Built with: Python, Flask, HTML, CSS, Bootstrap, Javascript, Data Science Libraries

ACADEMIC PROJECTS

Singapore Management University

Second Year Project

Title: Web Application Development II

Jan 2022 - Apr 2022

Technology: Vue.js, Vuetify, Firebase, Chart.js

- Designed a forum platform enabling verified students and instructors to enhance learning through Q&A sessions
- Guided the team, organised team project environment, and achieved successful deployment
- Communicated effectively and collaborated with team members using GitKraken and Notion tools

PERSONAL PROJECTS

Naimu Ecommerce | [Github](#), [Demo](#)

Technology: MongoDB, ExpressJs, ReactJs, NodeJs, Bootstrap, HTML/CSS, JS, Jason WebToken (JWT), Redux, Vercel

Designed and implemented an enterprise-level full-stack ecommerce application using the MERN stack. Prioritised best code practices to optimise performance and security while ensuring a top-tier UI/UX experience. Successfully deployed the application, achieving exceptional results in scalability, customer satisfaction, and codebase maintainability.

Anico Ecommerce | [Github](#)

Technology: React, REST API, GSAP, Python, Flask, SQL, Bootstrap, HTML/CSS, JS

Created a visually appealing, user-centric full-stack application optimised for seamless responsiveness. Designed to enhance the user experience, it offers a smooth interface across devices, ensuring optimised browsing and shopping. The visually stunning platform caters to user needs, promoting engagement and facilitating seamless transactions. Anico eCommerce delivers an exceptional user experience, combining aesthetics with functionality for a standout online shopping experience.

Linkvine | [Github](#)

Technology: Python, Flask, AWS, SQL, Bootstrap, HTML/CSS, JS, AWS

Developed a web application inspired by "linktree" that enables users to create personalised and easily customizable pages for sharing important links with their audience. Implemented intuitive features and a user-friendly interface that empowers users to effortlessly add and customise their links, enhancing their online presence and simplifying link sharing

Dottie Dating App | [Demo](#)

Technology: Figma

Created a visually captivating dating application built with a simplistic design. Developed using Figma, the orange-themed interface evokes a sense of enthusiasm, effectively motivating users to engage with the app more frequently. With its user-centric design, Dottie offers an intuitive and enjoyable experience, making the process of finding connections more enjoyable and seamless. Explore the demo to witness the compelling combination of design and technology in action.

CO-CURRICULUM

Beyond Social Services (Community Service)

Emotional and Academic Befriender

June 2022 - Nov 2022

As a dedicated leader and facilitator, I provided essential academic and emotional support to underprivileged children, contributing to their brighter and more promising future through volunteer work. I successfully mentored and guided a team of volunteers, ensuring the effective delivery of services and the achievement of project objectives. By establishing strong relationships with the children and their families, I created a supportive environment that empowered them to overcome challenges and reach their full potential. My role as a catalyst for positive change demonstrated my leadership skills, empathy, and unwavering commitment to making a meaningful impact in the lives of underprivileged children.