

# Tjandra Putra

Phone +65 88913138 | [tjandrap.work@gmail.com](mailto:tjandrap.work@gmail.com) | [linkedin.com/in/tjandra-putra/](https://www.linkedin.com/in/tjandra-putra/) | [tjandra-putra.github.io/](https://tjandra-putra.github.io/) | [github.com/tjandra-putra](https://github.com/tjandra-putra)

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: Modern React with Redux (Udemy), MERN Stack Course 2023 (Udemy)

### Nanyang Polytechnic

Apr 2018 - Apr 2021

#### Diploma in Business Informatics

- Diploma with Merit, attained Director's List for multiple semesters

## SKILLS

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

**Certifications:** 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

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

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

Designed and implemented an enterprise level full-stack ecommerce application utilising the MERN stack, with a focus on optimising best code practices and providing a top-tier UI/UX experience.

### **Anico Ecommerce** | [Github](#)

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

Created a visually appealing, user-centric full-stack application that is optimised for seamless responsiveness.

### **Linkvine** | [Github](#)

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

Developed a “linktree” inspired web app that allows you to create a personalised and easily-customizable page, that houses all the important links you want to share with your audience

### **Dottie Dating App** | [Demo](#)

Technology: Figma

Dottie is a dating app with a simple design. The orange theme evoked feelings of enthusiasm, which will motivate users to utilise the app more frequently

## CO-CURRICULUM

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### **Beyond Social Services (Community Service)**

#### **Emotional and Academic Befriender**

**June 2022 - Nov 2022**

As a leader and facilitator in this role, I provided academic and emotional support to underprivileged children. Through my volunteer work, I was able to contribute towards creating a brighter and more promising future for these children. My efforts included mentoring and guiding a team of volunteers to ensure effective delivery of services and achieving the project's objectives.