

# Tjandra Putra

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Internship availability: May 2024 - Aug 2024

## EDUCATION

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### Singapore Management University, Singapore

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

**Aug 2021 - July 2025**

- Relevant modules: Object Oriented Programming, Software Project Management, Enterprise Application Development, Data Structures and Algorithms
- Online Modules: MERN Stack Course 2023 (Udemy), Java Programming Masterclass updated to Java 17 (Udemy)

### Nanyang Polytechnic

*Diploma in Business Informatics (School of Information Technology)*

**Apr 2018 - Apr 2021**

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

## TECHNICAL SKILLS

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**Certifications:** Microsoft Certified Azure Fundamentals, AWS Cloud Quest: Cloud Practitioner

**Programming:** Python, Java, Javascript, HTML/CSS

**Technologies:** React, Django, Flask, Node.js, Express.js, Git, AWS, Bootstrap, SQL, Firebase, MongoDB, Docker

## PROFESSIONAL EXPERIENCE

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### Nanyang Polytechnic

*Automation Research Intern*

**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 Research Intern*

**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

## PROJECTS

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### Goldman Sachs Portfolio Management | [Github](#), [Demo](#)

**Technology:** ReactJs, Javascript, MaterialUI, CSS, Responsive Design

**Sept 2023 - Oct 2023**

Lead Frontend Developer and UI/UX Designer for this collaborative project. I spearheaded the development of a sophisticated portfolio management application using React.js, focusing on creating a user-friendly and visually appealing interface.

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

**Technology:** MongoDB, ExpressJs, ReactJs, NodeJs, Bootstrap, HTML/CSS, JS, JWT, Redux, Vercel

**May 2023 - Aug 2023**

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.

## CO-CURRICULUM

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### Singapore Management University

*Facilitator and Befriender (Leadership)*

**Feb 2023 - Aug 2023**

- Collaborated with a team of volunteers to organise engaging projects, including photoshoots used for Freshmen Orientation advertisements.
- Produced dynamic dance videos alongside fellow volunteers, injecting a fresh and motivating atmosphere for incoming freshmen.
- Facilitated games and activities for freshmen, ensuring seamless coordination, conflict resolution, and an enjoyable experience for

all participants.

**Beyond Social Services**

***Emotional and Academic Befriender (Leadership)***

**June 2022 - Nov 2022**

- Dedicated leader and facilitator, providing academic and emotional support to underprivileged children through volunteer work.
- Mentored and guided a team of volunteers, ensuring effective service delivery and project objectives were achieved.
- Developed strong relationships with children and their families, creating a supportive environment for them to overcome challenges and reach their full potential.
- Served as a catalyst for positive change, demonstrating leadership skills, empathy, and unwavering commitment to making a meaningful impact in the lives of underprivileged children.