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: Enterprise 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 (School of Information Technology)
- Diploma with Merit (Top 10%), attained Director's List (Top 15%) for multiple semesters

SKILLS / CERTIFICATIONS

Programming: Python, Java, Javascript, HTML/CSS
Certifications: AWS Cloud Quest: Cloud Practitioner, Microsoft Azure Fundamentals, Google Certified: Foundations of User Experience (UX) Design, Ui Path Certified: Developer Foundation Training
Libraries/Frameworks: Node.js, 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 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

ACADEMIC PROJECTS

Singapore Management University
Second Year Project
Title: Enterprise Solution Development (Awarded "A")   Jan 2023- Apr 2023
Technology**:** Python, Flask, Docker, RabbitMQ, AMQP, HTTP, SQLite, Microservice, Figma
- Created an ecommerce platform utilising Flask framework and a microservice architecture, incorporating a message broker
- Led a team, establishing an organised project environment, resulting in the successful deployment of the platform
- Employed effective communication and collaboration, utilising GitKraken and Notion tools to work closely with team members
- Demonstrated proficiency in software engineering agile methodology, consistently delivering efficient and effective results

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.

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

Singapore Management University (Community Service)
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 (Community Service)
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.
- Built 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.