Tjandra Putra

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Internship availability: May 2024 - Aug 2024

EDUCATION

Singapore Management University, Singapore
Bachelor of Science (Information Systems), Digitalisation & Cloud Solutions   **Aug 2021 - Aug 2025**
- 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
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

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

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
Enterprise Solution Development | Python, Flask, Docker, RabbitMQ, SQLite, Microservice   **Jan 2023- Apr 2023**
- 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 PROJECT

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.

Linkvine | Github
Technology: Python, Flask, AWS, SQL, Bootstrap, HTML/CSS, JS, AWS   **Jan 2021 - Feb 2021**
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

CO-CURRICULUM

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.