

# Andreas Sujono

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## EDUCATION

Nanyang Technological University (NTU)

Aug 2018 – Jun 2022

- **Bachelor of Engineering (Electrical and Electronic Engineering)**
- **Honours (Highest Distinction); Dean's List 2021/2022**; GPA: 4.70/5.00
- Specialization: **Info-Communications Engineering (Computer Engineering)**

## ACADEMIC PROJECTS

NTU Final Year Project: **Web Based Platform for Lifelong Learners**

Aug 2021 – May 2022

- Designed and developed lifelong learning website application to nurture the community and network between students, lecturers, and alumni through gamification approach.

NTU Design and Innovation Project: **Mobile Application for Healthcare** (Team of 8)

Aug 2020 – Dec 2020

- Successfully deployed **Javascript and React Native** to build mobile application for users to monitor their health status (e.g. calories intake and burned through exercise, etc).
- **Achieved 1<sup>st</sup> Placing** among 8 competing groups at *Design & Innovation Project Competition 2020*.

## WORK EXPERIENCE

**Shopee, Frontend Engineer**

Jul 2022 – Present

- Developed, maintained, and enhanced Shopee mobile application by utilizing **React native and Redux** with **micro frontend architecture** that is used by millions of users across 13 countries.
- Improved performance and investigated rendering issues as a part of the search & recommendation team that is one of the features with the highest CTR (*click to rate*) & UV (*unique visitor*) generation.

**Dathena Science, Frontend Engineer-Intern**

Jan 2021 – May 2021

- Successfully deployed **Typescript, HTML** and **CSS** to develop new version of SaaS Application that was used by 200,000 users and enterprise clients; involved collaboration with 15 engineers from 4 teams (i.e. Backend, DevOps, Product, Design).
- Improved and solved bugs for Dathena's own libraries (e.g. React Component Library, Charting library) to enhance users' experiential interfacing.

**Kinobi.Asia, Software Engineer-Intern**

Dec 2020 – Jan 2021

- Utilized **NodeJs** and **Typescript** to integrate Stripe as payment gateway for website and server for 25 webhook events.
- Successfully designed and developed payment dashboard in **VueJs with NuxtJs framework** to show real time stripe payment data.

**Movel AI, Software Engineer-Intern**

Apr 2020 – Jul 2020

- Designed and developed new features in existing **React** web application as user interface to control and communicate with robots remotely; contribution received compliment from CEO.
- Improved web functionality and refactored backend queries that boosted 500% in speed efficiency.
- Worked in agile environment and adopted TDD approach to write robust unit test.

**NTUitive, Rapid Software Prototyping Assistant**

Feb 2020 – Jul 2020

- Selected out of 800 students to be 1<sup>st</sup> batch of software prototyping assistant and assigned to different startups to build 1<sup>st</sup> product prototype.
- **Start-up "PIN Tech Insurance"**: Developed **React Native** mobile app from scratch with highly scalable and flexible redux architecture along with backend written in **NodeJs with Express framework**.
- **Start-up "GWOOP"**: Designed and implemented multiplayer card game in **Unity and Photon Network** that integrated with social media app to enables users for game playing while video-calling.

## LEADERSHIP / CO-CURRICULAR & VOLUNTARY ACTIVITIES

**NTU Student Union, IT Committee Member**

Aug 2019 – Jul 2020

- Resolved technical issues and bugs in NTUSU Recruitment Website; acquired knowledge, skill and ability with competency to apply continuous integration and continuous deployment using Jenkins and containerize application with docker.

**IEEE Student Branch, Logistic Director**

Aug 2018 – Jul 2019

- Planned and responsible for essential logistics and liaised with sponsor to collect logistic for NTU Hackathon (2nd largest Hackathon in Singapore) with event operation and logistic support intact.

**PINTU Peduli, Volunteer (Tech Division Committee)**

Aug 2018 – Dec 2018

## SKILLS

- **Software programming**: React, React Native, Redux, Javascript, Typescript, HTML, CSS, SASS, Bootstrap, NodeJs, ExpressJs, Python, Flask, Django, C Language
- **Software Applications / Tools**: Figma, Adobe XD, Unity3D, Arduino Microcontroller