

Summary

A software engineering at heart that love experimenting about new things in software applications, DIY IoT Devices, and Machine Learning. Having a philosophy of making software that useful for myself and everyone. Has an experience of **full stack developing** Content Management System in PT. BTPN tbk. Being able to work as a team to achieve the same goal.

Job Experience

PT Bank BPTN

February 2021 - February 2022

Working as Fullstack Developer Intern and contribute on building Content Management System (CMS) by adding and updating features from given requirements. Collaborate as a team in agile development workflow. Apply visual features on frontend and manage data from database in multiple microservices.

- Using MERN (MongoDB, ExpressJS, React, NodeJS)
- Contribute to multiple Progressive Web Apps
- Develop using Test Driven Development (TTD)
- Partake a role of Quality Assurance
- Build a personal software that automate testing using excel2web
- awarded as one of the "Best Intern 2021"

Education History

Undergraduate Study in Bina Nusantara University

2018 – 2022

Faculty of Computer Science

- Majoring in Intelligence System
- GPA 3.47
- 2015 - 2018

SMAN 44 Jakarta Timur

Art of Science

Projects

Stereo Vision Robot (Python, OpenCV, Websocket).

- <https://github.com/chawza/jetson-obstacle-avoidance>
- Build a 4 wheeled robot using stereo camera
- Using OpenCV to detect and estimate obstacle in distance
- Detect and avoid obstacle on its path.

Excel2docx documentation converter to automate QA.

- <https://github.com/chawza/excel2docx>
- Personal use for automating workflow
- Create a python library and implement it in Azure cloud
- Deploy static website as interface
- Create GUI application for local processing

Personal website and blog (in progress) using NextJs.

- <https://github.com/chawza/personalweb>
- Serverside rendering (SSR)
- Markown document

Programming Skills

Web Frameworks / Library

- React, NextJs, NodeJs, Django, MongoDB, Laravel, ExpressJS

Utility Tools

- Python, Numpy, Javascript, Pandas, Sqlite, Typescripts, MySql