

Aditya Prawira

Software Developer

A curious software developer with 6+ months of experience in a fast and dynamic development team environment. Aiming to apply proven skills and continuously learn new technology stack in improving human's productivity through a piece of software.

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EDUCATION

Master of Engineering (Robotics and Mechatronics Engineering) Royal Melbourne Institute of Technology (RMIT) University

07/2020 - Present

WAM 82

Courses

- Modelling and Simulations of Engineering Systems (OENG1116)
- Advanced Mechatronics System Design (MANU2451)

Bachelor of Science Mechanical Systems University of Melbourne

07/2017 - 07/2020

Courses

- Engineering Computation (COMP20005)
- Object-Oriented Software Development (SWEN20003)

WORK EXPERIENCE

Software Developer Intern (Front End Team Lead) Reesby

12/2021 - Present

Melbourne

Achievements/Tasks

- Tested software for bugs and operating speed, fixing bugs and documenting processes to increase efficiency by 18%.
- Manage 11 Front-end interns.
- Develop a project based on-boarding task documentations and deadlines to increase training efficiency by 25%

Software Developer Intern (Front End) Reesby

06/2021 - 12/2021

Melbourne

Achievements/Tasks

- Selected as the top-performing intern 4 times by the technology team.
- Developing a piece of smart automated software that enables the organisation to reach out to more than 24,786 of our customers to the organisation's virtual event by one click of a button. Reaching out to target to the total number of customers 16.5% higher than expected.
- Working on the API design with backend team for React and Redux state data struct integration, and develop CI/CD pipeline from version control to AWS which increase delivery rate by 25%.

SKILLS

ReactJS

Redux

React Native

MongoDB

NodeJS

ExpressJS

Django Rest Framework

Python

JavaScript/TypeScript

PostgreSQL/MySQL

AWS

Docker

Java

PERSONAL PROJECTS

Face-Identity Computer Vision Project (11/2021 - 12/2021)

- Develop a human-computer interaction (HCI) face identification system which is backed by monolith API (Django server-side application) to store and manage data to SQL and AWS S3. (https://github.com/adit-prawira/face_attendance_server)
- Integrate Google Voice Assistant as the voice-user interface (VUI). Utilise OpenCV and multi-threading on the client-side application for face recognition, voice assistant, S3 event handler, and Queue as message/package passing between threads. (<https://github.com/adit-prawira/face-attendance>)

Kinesis Project (10/2021 - 01/2022)

- Develop a fitness mobile apps backed by a monolith server-side application developed in a test-driven environment with Express (Typescript), MongoDB Atlas database, AWS as the main cloud storage", and CI/CD Pipeline with CircleCI for server-side builds, tests, and deployment to Heroku.
- Utilise React Native (JavaScript) and Expo Go for the Mobile UI Framework, and free app deployment platform. (<https://github.com/adit-prawira/kinesis>).

CERTIFICATES

Team Member of the Month (09/2021 - Present)

Award for developing an automation software project that allows the team to meet deadlines and frequently by the internal team.

Microservices with NodeJS and React (01/2021 - Present)

Develop a simple Ecommerce Microservices web app application with JavaScript, NodeJS, TypeScript, MongoDB, Docker, and Kubernetes.

LANGUAGES

English

Full Professional Proficiency

Indonesian

Full Professional Proficiency