

ADITYA PRAWIRA

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LinkedIn: <https://www.linkedin.com/in/aditya-prawira>

GitHub: <https://github.com/adit-prawira>

My portfolio website: <https://adityaprawira.herokuapp.com>

My music website: <https://azuregagemusic.herokuapp.com>

Technical Skills

Programming languages: JavaScript/Typescript, Python, Java, MATLAB, C/C++, Dart, and C#.

Tools/Framework: NodeJS, ReactJS, Redux, MongoDB, ExpressJS, React Native, Django Rest Framework, AWS, and MySQL/PostgreSQL.

Soft Skills

Team Environment: Team and time management, communicators, create a flexible and productive environment.

Personal: Love to write clean and reusable code, and continuously learn new technologies, system design.

Experiences

Software Developer Intern (Front End) – Reesby | June 2021 – Present

- Developing a piece of smart automated software that enables the organisation to reach out to approximately ~ 24,786 of our customers to the organization's virtual event by one click of a button. Reaching out to target the total number of customers 16.5% higher than expected.
- Working on the API design with backend team, developing CI/CD pipeline from version control to AWS, and ReactJS with Redux as the main front-end framework.

Student-Staff Consultative Committees (SSCC) Student Representatives – RMIT University | Apr 2021 – Present

- The goal is to improve MC256 (Robotics and Mechatronics Engineering) students' learning experiences.
- Monitor course delivery connects with students collecting inputs from their learning experiences and meeting with the MC256 program manager.

Music Producer (Azure Gaze) – Distrokid | Apr 2020 – Present

- Produces monthly EP and Single and has reached a record of approximately a total of 19, 044 listeners.

Student Mentor – Sekolah Pelita Harapan Sentul City | May 2015 – Jun 2015

- Science's teacher assistant in managing science class teaching schedules, activities, and assignments. Support new upcoming students in the summer camp program.

Projects

Face-Identity Computer Vision Project | Nov 2021 – Dec 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, and S3 event handler. Finally, utilise Queue as the main method for message/package passing between threads. (<https://github.com/adit-prawira/face-attendance>)

Kinesis Project | Oct 2021 – Present

- 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>)

Personal Portfolio React Web Project | Dec 2020 – Jan 2021

- Develop an interactive personal portfolio with the ReactJS platform with state management rendering process.

Artist Express Web App Development Project | Oct 2020 – Dec 2020

- Build an MVC web application with a server-side application built by ExpressJS, NodeJS, and front-end built by HTML, EJS(Embedded JavaScript), and CSS. Utilise MongoDB Atlas (NoSQL database) is utilized as the web app's database to store registered users/owners, reviews, albums.
- Purpose of the project is associated with the **Music Producer** position to promote and allow listeners to view album artworks, listen, review, and rate music.

Warman Project | Mar 2020 – May 2020

- A team of 4 that build a competitive autonomous device to compete in Warman Competition 2020 (Arduino, SOLIDWORKS, & Fusion 360).
- The mobile robot design was assed and predicted by a professional engineer to win the competition or at least secure the top 5 positions.

Education

Master of Engineering (Robotics and Mechatronics Engineering)

Royal Melbourne Institute of Technology (RMIT) University | 07/2020 – Present

- Leadership experiences in multiple master's student engineering group projects, and hold the current WAM value of 82.

Bachelor of Science (Mechanical Systems)

University of Melbourne | 07/2017 – 07/2020

Relevant Courses: Foundation of Computing, Engineering Computation, and Object-Oriented Programming.

Certificates

Team Member of the Month – Reesby | Sep 2021

- Certificate of achievement awarded by Jessica Reesby (CEO & Founder of Reesby) for developing a piece of software that is used within the internal team to create a design, manage data, and support the team to achieve the deadline.

Build a Backend REST API with Python & Django - Advanced - Udemy | Dec 2021

- Certificate of completion of Advanced backend REST API development with Django, held by Udemy, awarded by Mark Winterbottom for developing a food recipe monolith REST API in test driven environment with TravisCI as CI/CD pipeline, PostgreSQL as the main database, and Docker.

REST APIs with Flask and Python - Udemy | Sep 2021

- Certificate of completion of REST APIs with Flask and Python course held by Udemy, awarded by Jose Salvatierra for developing a monolith online store Rest API with Flask, PostgreSQL as the main database technology, and Heroku for deployment.

Microservices with NodeJS and React - Udemy | Jan 2021

- Certificate of completion of Microservices with NodeJS and React (NextJS) course held by Udemy, awarded by Stephen Grider for developing a simple Ecommerce Microservices web app application with JavaScript, NodeJS, TypeScript, MongoDB, Docker, and Kubernetes.