

Lim Zhen Yang

zhenyang455@gmail.com | 91542883 | [linkedin/zhen-yang-lim](https://www.linkedin.com/in/zhen-yang-lim) | [github/Zehaych](https://github.com/Zehaych)

EDUCATION

BSC. COMPUTER SCIENCE WITH BIG DATA SPECIALIZATION

| Sep 2021 - Mar 2024

UNIVERSITY OF WOLLONGONG

Weighted Average Mark(WAM) 70.55

PROJECTS

DIET AND NUTRITION MOBILE APP

REACT NATIVE, NODEMON, EXPRESS, TAILWIND, MONGODB, GIT, JIRA, REST

- Played a pivotal role in the successful development and deployment of a diet and nutrition mobile application as the Project Leader and Full-Stack Developer.
- Took charge of the entire database design process, meticulously ensuring optimal performance and fostering seamless integration with the application for a robust and efficient data infrastructure.
- Successfully led end-to-end development, implementing complete CRUD operations by utilizing Express.js and Mongoose for seamless data management in the back-end.
- Demonstrated effective leadership, fostering clear communication with team members and supervisor establishing clear project milestones.
- Showcase of technical proficiency, leadership, communication, and project management skills crucial for successful collaborative endeavors.

CINEMA BOOKING WEBSITE

NEXT, NODE, EXPRESS, TAILWIND, MONGODB, GIT, JIRA, REST, DOCKER

- Developed a full-stack movie website, incorporating comprehensive CRUD operations.
- Implemented front-end and back-end components, ensuring a feature-rich movie website.
- Designed an intuitive and responsive user interface using Tailwind CSS, enhancing the overall user experience.
- Containerized the back-end API with Docker, streamlining deployment processes.
- Deployed the fully containerized application on AWS EC2 with Elastic Beanstalk for scalability and reliability.
- Collaborated with a cross-functional team to achieve project milestones and deliver end-to-end solutions.

CALORIE TRACKER APP

REACT NATIVE, NODE, EXPRESS, MONGODB, REST

- Collaborated on a group project for a Hackathon, resulting in the development of an innovative calorie tracker app aligned with Singaporean diets.
- Utilized Total Daily Energy Expenditure (TDEE) principles to guide the app's design and functionality.
- Contributed to both front-end and back-end development, implementing CRUD systems for seamless user interactions.
- Integrated the TDEE algorithm to provide personalized calorie recommendations for users.
- Successfully pitched the app to judges, showcasing a deep understanding of both technical and user-centric aspects.
- Received positive acclaim for the app's innovation and recognized potential impact on health and fitness.

PET SAFE HAVEN

REACT, FIREBASE

- Designed and implemented a dynamic front-end pet adoption website as part of a school project.
- Leveraged Firebase for seamless deployment, enhancing website responsiveness and user interactivity.
- Showcased a plethora of pets and provided an engaging platform for users to explore and adopt pets.

SKILLS

Languages(Proficiency): Javascript, Java, Python, C++, SQL, HQL, Pig Latin, Hbase

Web Development: React, React Native, JavaScript, Tailwind CSS, Node, Express, Next

Technology: Git, GitHub, MongoDB, Linux, Hive, Hadoop, JIRA, Docker

WORK EXPERIENCE

BUKIT TIMAH VACCINATION CENTRE | VACCINATOR

| Jun 2021 – Sep 2021

- Administered vaccines and proficiently used software for patient documentation and walk-ins.
- Managed responsibilities during peak periods, handling 1500-2000 incoming patients per day.
- Attended to patients in the waiting area and effectively dealt with medical incidents.

THE DAILY SCOOPS SINGAPORE | SERVICE CREW

| Jan 2017 – Jan 2019

- Provided professional customer service as a barista and server.
- Led training sessions for new café staff, emphasizing customer service excellence, beverage preparation techniques, and efficient order handling
- Demonstrated logistical skills in managing incoming and outgoing stocks.
- Ensured neat documentation of documents related to stock management.

SINGHEALTH CHANGI GENERAL HOSPITAL | DATA ANALYST INTERNSHIP

| Apr 2018 – Jul 2018

- In charge of collecting clinical data and conducting analysis using Microsoft Excel and Simul8.
- Developed and implemented strategic plans for data management and analytics.
- Analyzed data, identified trends, and created dashboards to drive business decisions.
- Monitored data integrity, ensuring quality control and standardization within the analytics ecosystem.
- Drove self-service analytics, fostering collaboration with stakeholders and promoting data literacy.
- Identified business needs, facilitated cross-cluster data-driven innovation, and suggested improvements.